

Duke Energy's Second Responses  
And Objections to EPA's Section 308 RFI  
Dated July 31, 2014

EPARFI00520 – EPARFI03807

*October 3, 2014*



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October 3, 2014

**VIA HAND DELIVERY**

Mr. Michael Hom  
Environmental Engineer  
United States Environmental Protection Agency  
Clean Water Enforcement Branch  
61 Forsyth Street, SW  
Atlanta, GA 30303-8960

Re: Second Response of Duke Energy Corporation ("Duke Energy") to U.S. EPA's  
Request for Information Pursuant to Section 308 of the Clean Water Act

Dear Mr. Hom:

This letter, enclosed CD and the attached Responses and Objections constitute the second response of Duke Energy to the Request for Information ("RFI") from the U.S. Environmental Protection Agency ("EPA") dated July 31, 2014, addressed to Ms. Lynn J. Good of Duke Energy and received by Duke Energy on August 4, 2014. Pursuant to the agreement reached between Matt Hicks of EPA and David Buente of Sidley Austin, we are submitting responses to questions 3 and 4 for the following facilities:

Asheville  
Belews Creek  
Cape Fear  
Cliffside  
Dan River  
L.V. Sutton  
Riverbend

Thank you for your attention to these matters.

Sincerely,

**WOMBLE CARLYLE SANDRIDGE & RICE**  
*A Limited Liability Partnership*



Brad A. De Vore

BAD/ngb  
Enclosures

cc w/encl: Laurie Lindquist Ireland, EPA  
Matthews Hicks, EPA  
Denisse Diaz, EPA  
Thomas Reeder, NCDENR  
David Fountain, Duke Energy  
Julie Ezell, Duke Energy  
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**Second Responses and Objections of Duke Energy Corporation to  
EPA's Section 308 Request for Information Dated July 31, 2014**

**I. General Objections**

Duke Energy Corporation ("Duke Energy") incorporates by reference, as if fully set forth herein, its General Objections stated in Duke Energy's first response to the Request for Information ("RFI") from the U.S. Environmental Protection Agency ("EPA"), submitted to EPA by Duke Energy on September 17, 2014.

**II. Responses and Specific Objections**

Subject to and without waiving the General Objections above or Specific Objections below, Duke Energy responds to Questions 3 and 4 of the RFI, as set forth below, with respect to the following facilities:

Asheville  
Belews Creek  
Cape Fear  
Cliffside  
Dan River  
L.V. Sutton  
Riverbend

Duke Energy reserves the right to supplement these responses.

3. *Provide the following information with respect to the discharge locations at the Duke Energy facilities identified on Enclosure C to this information request:*
- After Jan 1, 2009, when did Duke Energy identify any release of liquid from these locations. Provide dates and durations of any such release.*
  - Did any of these releases occur during non-storm events?*
  - Did Duke Energy identify the constituents and source of any such release(s)?*
  - Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such release(s)? If not, why?*
  - If permit coverage was sought for any such release(s) but was not issued by NCDENR, did NCDENR provide an explanation as to why? What was Duke Energy's response to not obtaining permit coverage?*

Specific Objections:

Duke Energy objects to Question No. 3 on the basis that the following terms used in the question are vague and ambiguous, rendering Question No. 3 unreasonable: "release," "any release," "releases" and "release(s)"; "non-storm events"; "constituents"; "source"; and "response."

Duke Energy further objects to Question No. 3 on the basis that the term "liquid" seeks information beyond the scope of the Clean Water Act NPDES program, which only applies to point source discharges of pollutants to navigable waters of the United States.

Duke Energy further objects to Question No. 3 as unduly burdensome, vague, ambiguous and unreasonable on the basis that Enclosure C (which is of uncertain authorship and authentication) does not accurately identify purported "discharge locations." Despite significant efforts, Duke Energy has been unable to identify in the field, based on the coordinates contained in Enclosure C, all of the "discharge locations" that EPA purports to identify in Enclosure C, or whether features that have been identified are, in fact, evidence of discharges. Duke Energy has made a good faith attempt to locate the areas identified in Enclosure C and has responded to Question 3 to the best of its ability.

Response:

Notwithstanding and without waiving its General and Specific Objections, Duke Energy responds to Question No. 3 as follows:

Using the coordinates listed in Enclosure C of the RFI, Duke Energy attempted to verify whether, in fact, any "discharge points" could be found at those locations. In some instances, Duke Energy was able to find some feature at the location that generally corresponded to the coordinates, e.g., a pipe or standing water. In other instances, Duke Energy was unable to find any such feature in the location described by the coordinates, in which case Duke Energy looked in the general vicinity. In all cases, once Duke Energy located a feature that appeared to correspond to one of the "Interest Numbers" on the list in Enclosure C, Duke Energy then attempted to determine, based on visual observation and other available information, whether the feature was, in fact, a "discharge point." In many instances, the features so identified were determined not to be discharge points, e.g., intake pipes, and areas that might have been wet at the time that NCDENR observed them, but which were not wet at the time of Duke Energy's field inspection. In other instances, Duke Energy was able to match an Interest Number with a discharge point.

Duke Energy has summarized the results of these efforts and has otherwise provided answers to Question 3 in a series of facility-specific spreadsheets, as follows:

- Attachment A: Asheville
- Attachment B: Belews Creek
- Attachment C: Cape Fear
- Attachment D: Cliffside
- Attachment E: Dan River
- Attachment F: L.V. Sutton
- Attachment G: Riverbend

Attachments A through G also identify, by facility, the persons primarily consulted in the preparation of Duke Energy's responses and the documents primarily relied upon in the development of these responses. Identifying information for the persons primarily consulted can be found in Appendix A to these responses, and documents primarily relied upon can be found on the disk provided with these responses.

4. Is Duke Energy aware of any other location(s) at Duke Energy facilities other than those identified in Questions 2 and 3 above from which there have been releases of liquid to surface water after January 1, 2009? If so, provide the following information:
- Dates and durations of any such release.
  - Latitude and Longitude location of any such release.
  - Did any of these releases occur during non-storm events?
  - Did Duke Energy identify the constituents and source of any such release(s)?
  - Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such release(s)? If not, why?
  - If permit coverage was sought for any such release(s) but was not issued by NCDENR, did NCDENR provide an explanation as to why? What was Duke Energy's response to not obtaining permit coverage?

Specific Objections:

Duke Energy objects to Question No. 4 on the basis that the following terms used in the question are vague and ambiguous, rendering Question No. 4 unreasonable: "release," "any release," "releases" and "release(s)"; "non-storm events"; "constituents"; "source"; and "response."

Duke Energy further objects to Question No. 4 on the basis that the term "surface water" seeks information beyond the scope of the Clean Water Act NPDES program, which only applies to point source discharges of pollutants to navigable waters of the United States. Duke Energy interprets the term "surface water" to exclude internal discharges to wastewater treatment facilities such as settling ponds and stormwater retention basins.

Duke Energy further objects to Question No. 4 on the basis that the term "liquid" seeks information beyond the scope of the Clean Water Act NPDES program, which only applies to point source discharges of pollutants to navigable waters of the United States.

Response:

Notwithstanding and without waiving its General and Specific Objections, Duke Energy responds to Question No. 4 as follows:

Duke Energy undertook an assessment the locations identified by DENR in its summary on its review of the plants in the Spring of 2014 that included, among other things, a review of the NPDES permits and NPDES permit applications for those plants, dam safety inspection reports and in most instances, a physical review of the identified locations and the review of related notes or observations by those who conducted the physical review. The assessment included whether it was known there was a release(s) of a liquid to a surface water from any particular location. Based upon that assessment, any location from which there was a known release of liquids since January 1, 2009 was noted in the spreadsheet for each of the plants along with responses to the subparts to Question #4 for each such location.

Attachments A through G to these responses also contain a spreadsheet that provides answers to EPA's questions, and also identifies the persons primarily consulted in the preparation of Duke Energy's responses and the documents primarily relied upon in the development of these responses. Identifying information for the persons primarily

consulted can be found in Appendix A to these responses, and documents primarily relied upon can be found on the disk provided with these responses.



Asheville  
Response to 7/31/2014 RFI  
Question #3

EPA Ec. C. Line Item No.	Facility	Facility NPDES	Interest Number	LATITUDE (N)	LONGITUDE (W)	a. After Jan 1, 2009, when did Duke Energy identify any release of liquid from these locations? Provide dates and duration of any such releases.	b. Did any of these releases occur during non-storm events?	c. Did Duke Energy identify the constituents and source of such releases?	d. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such releases? If not, why?	e. If permit coverage was sought for any such releases but was not issued by NCDEM, did NCDEM provide an explanation as to why? What was Duke Energy's response to not obtaining permit coverage?	f. Persons Primarily Consulted	Documents Primarily Relied Upon
2	Asheville	NC0000396	AVIOM003	35.474078	-82.554193	Yes, this location is the relocated permitted Outfall 001, please see the NPDES Permit No. NC000396 permits and applications for additional information. (7/30/2014 NPDES Application Form 2C [EPARF00971-0979]; 5/13/2011 Approval to Relocate Correspondence [EPARF00717]; 6/11/2010 NPDES permit renewal request form 2C [EPARF00640-0643], Attachment 3 [EPARF00674-678])	Yes, this location has discharged continuously since the relocation of Outfall 001 (7/30/2014 NPDES Application Form 2C [EPARF00971-0979]; 5/13/2011 Approval to Relocate Correspondence [EPARF00717]; 6/11/2010 NPDES permit renewal request form 2C [EPARF00640-0643], Attachment 3 [EPARF00674-678])	Yes (7/30/2014 NPDES Application Form 2C [EPARF00971-0979]; 6/11/2010 NPDES permit renewal request form 2C [EPARF00640-0643], Attachment 3 [EPARF00674-678])	Yes (7/30/2014 NPDES Application Form 2C [EPARF00971-0979]; 5/13/2011 Approval to Relocate Correspondence [EPARF00717]; 6/11/2010 NPDES permit renewal request form 2C [EPARF00640-0643], Attachment 3 [EPARF00674-678])	N/A (Permitted in 2006 [NC000396]; 2010 and 2014 Applications are pending)	Laurie Monrohead	7/30/2014 NPDES Application Form 2C [EPARF00971-0979]; 5/13/2011 Approval to Relocate Correspondence [EPARF00717]; 6/11/2010 NPDES permit renewal request form 2C [EPARF00640-0643], Attachment 3 [EPARF00674-678] 01/03/2006 NPDES Permit [EPARF00599-0631]
3	Asheville	NC0000396	AVIOM002	35.471162	-82.552623	Yes, this location is a recently identified seep identified as A-02 in the July 2014 Seep Monitoring Report, please see the July 2014 NPDES Application Seep Monitoring Report for additional information. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 [EPARF00993], Table 1 [EPARF00995])	Yes, flow is continuous. (7/30/2014 NPDES Application Seep Monitoring Report, Table 1 [EPARF00995])	Yes (7/30/2014 NPDES Application Seep Monitoring Report, Table 2 [EPARF00996]) (See also April 2013 Site Conceptual Model Report for source characterization discussion [EPARF00718-0967])	Yes (7/30/2014 NPDES Update of Renewal Application [EPARF00968-03105])	N/A (pending)	See documents primarily relied upon	7/30/2014 NPDES Application Seep Monitoring Report [EPARF00983-01001]; April 2013 Site Conceptual Model Report [EPARF00718-0967]
4	Asheville	NC0000396	AVIOM003	35.471082	-82.552648	Yes, this location is a recently identified seep identified as A-02 in the July 2014 Seep Monitoring Report, please see the July 2014 NPDES Application Seep Monitoring Report for additional information. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 [EPARF00993], Table 1 [EPARF00995])	Yes, flow is continuous. (7/30/2014 NPDES Application Seep Monitoring Report, Table 1 [EPARF00995])	Yes (7/30/2014 NPDES Application Seep Monitoring Report, Table 2 [EPARF00996]) (See also April 2013 Site Conceptual Model Report for source characterization discussion [EPARF00718-0967])	Yes (7/30/2014 NPDES Update of Renewal Application [EPARF00968-03105])	N/A (pending)	See documents primarily relied upon	7/30/2014 NPDES Application Seep Monitoring Report [EPARF00983-01001]; April 2013 Site Conceptual Model Report [EPARF00718-0967]
5	Asheville	NC0000396	AVLSP007	35.470182	-82.551199	No, a discharge from this location was not identified during Duke Energy's recent effort to map seeps in the vicinity of the Asheville Plant. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 [EPARF00993], Table 1 [EPARF00995])	n/a	n/a	No	n/a	See documents primarily relied upon	7/30/2014 NPDES Application [Seep Monitoring Report]; April 2013 Site Conceptual Model Report
6	Asheville	NC0000396	AVLSP010	35.470025	-82.551844	No, a discharge from this location was not identified during Duke Energy's recent effort to map seeps in the vicinity of the Asheville Plant. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 [EPARF00993], Table 1 [EPARF00995])	n/a	n/a	No	n/a	See documents primarily relied upon	7/30/2014 NPDES Application [Seep Monitoring Report]; April 2013 Site Conceptual Model Report
7	Asheville	NC0000396	AVIOM005	35.470136	-82.55222	No, a discharge from this location was not identified during Duke Energy's recent effort to map seeps in the vicinity of the Asheville Plant. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 [EPARF00993], Table 1 [EPARF00995])	n/a	n/a	No	n/a	See documents primarily relied upon	7/30/2014 NPDES Application [Seep Monitoring Report]; April 2013 Site Conceptual Model Report
8	Asheville	NC0000396	AVLSP012	35.469721	-82.551793	No, a discharge from this location was not identified during Duke Energy's recent effort to map seeps in the vicinity of the Asheville Plant. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 [EPARF00993], Table 1 [EPARF00995])	n/a	n/a	No	n/a	See documents primarily relied upon	7/30/2014 NPDES Application [Seep Monitoring Report]; April 2013 Site Conceptual Model Report [EPARF00718-0967]

[illegible]

Asheville  
Response to 7/31/2014 RFI  
Question #3

EPA Co. C Line Item No.	Facility	Facility NPDES Permit No.	Interest Number	LATITUDE	LONGITUDE	a. After Jan 1, 2009, when did Duke Energy identify any release of liquid from these locations. Provide dates and durations of any such release.	b. Did any of these releases occur during non-storm events?	c. Did Duke Energy identify the constituents and source of such releases?	d. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such releases? If not, why?	e. If permit coverage was sought for any such releases, did it get issued by NC DENR? If not, what was Duke Energy's response to not obtaining permit coverage?	f. Persons Primarily Consulted	Documents Primarily Relied Upon
17	Asheville	NC0000396	AVLQMD11	35.463444	-82.547184	No, a discharge from this location was not identified during Duke Energy's recent effort to map seeps in the vicinity of the Asheville Plant. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF000993)], Table 1 (EPARF000995))	n/a	n/a	No	n/a	See documents primarily relied upon	7/30/2014 NPDES Application Seep Monitoring Report [EPARF000983-01001]; April 2013 Site Conceptual Model Report [EPARF000718-0967]
18	Asheville	NC0000396	AVLQMD12	35.463025	-82.546805	No, a discharge from this location was not identified during Duke Energy's recent effort to map seeps in the vicinity of the Asheville Plant. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF000993)], Table 1 (EPARF000995))	n/a	n/a	No	n/a	See documents primarily relied upon	7/30/2014 NPDES Application Seep Monitoring Report [EPARF000983-01001]; April 2013 Site Conceptual Model Report [EPARF000718-0967]
19	Asheville	NC0000396	AVLQMD13	35.474268	-82.551448	Yes, this location is a recently identified seep identified as N-01 in the July 2014 Seep Monitoring Report, please see the July 2014 NPDES Application Seep Monitoring Report for additional information. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF000993)], Table 1 (EPARF000995))	Yes, flow is continuous. (7/30/2014 NPDES Application Seep Monitoring Report, Table 1 (EPARF000995))	n/a	No	n/a	See documents primarily relied upon	7/30/2014 NPDES Application Seep Monitoring Report [EPARF000983-01001]; April 2013 Site Conceptual Model Report [EPARF000718-0967]
20	Asheville	NC0000396	AVLQMD14	35.474059	-82.551475	Yes, this location is a recently identified seep identified as N-01 in the July 2014 Seep Monitoring Report, please see the July 2014 NPDES Application Seep Monitoring Report for additional information. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF000993)], Table 1 (EPARF000995))	Yes, flow is continuous. (7/30/2014 NPDES Application Seep Monitoring Report, Table 1 (EPARF000995))	n/a	No	n/a	See documents primarily relied upon	7/30/2014 NPDES Application Seep Monitoring Report [EPARF000983-01001]; April 2013 Site Conceptual Model Report [EPARF000718-0967]
21	Asheville	NC0000396	AVLQMD15	35.473906	-82.552287	Yes, this location is a recently identified storm drain near Powell Creek and identified as SD-01 in the July 2014 Seep Monitoring Report, please see the July 2014 NPDES Application Seep Monitoring Report for additional information. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF000993)], Table 1 (EPARF000995))	Yes, flow is intermittent and dependent on rain events. (7/30/2014 NPDES Application Seep Monitoring Report, Table 1 (EPARF000995))	Yes (7/30/2014 NPDES Application Seep Monitoring Report, Table 2 [EPARF000998])	Yes (7/30/2014 NPDES Update of Renewal Application [EPARF000968-01105])	N/A (pending)	See documents primarily relied upon	7/30/2014 NPDES Application Seep Monitoring Report [EPARF000983-01001]; April 2013 Site Conceptual Model Report [EPARF000718-0967]
22	Asheville	NC0000396	AVLSUD45	35.474586	-82.549993	No, a discharge from this location was not identified during Duke Energy's recent effort to map seeps in the vicinity of the Asheville Plant. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF000993)], Table 1 (EPARF000995))	n/a	n/a	No	n/a	Laurie Moorhead	7/30/2014 NPDES Application Seep Monitoring Report [EPARF000983-01001]; April 2013 Site Conceptual Model Report [EPARF000718-0967]
23	Asheville	NC0000396	AVLQMD17	35.474681	-82.550524	No, a discharge from this location was not identified during Duke Energy's recent effort to map seeps in the vicinity of the Asheville Plant. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF000993)], Table 1 (EPARF000995))	n/a	n/a	No	n/a	Laurie Moorhead	7/30/2014 NPDES Application Seep Monitoring Report [EPARF000983-01001]; April 2013 Site Conceptual Model Report [EPARF000718-0967]

Asheville  
Response to 7/31/2014 RFI  
Question #3

EPA ID & Name of Permit	Facility	Facility NPDES	Interest Number	LATITUDE	LONGITUDE	a. After Jan. 1, 2009, when did Duke Energy identify and release all sewage from these locations? Provide dates and duration of any such releases.	b. Did any of these releases occur during construction or during normal operations?	c. Did Duke Energy identify the constituents and source of such releases?	d. Did Duke Energy track industrial wastewater and/or stormwater permit coverage under NPDES for any such releases? If yes, why?	e. If permit coverage was sought for any such releases but was not issued by NCDEM, did NCDEM provide an explanation as to why? What was Duke Energy's response to not obtaining permit coverage?	f. Persons Primarily Consulted	Documents Primarily Relied Upon
24	Asheville	NC0000396	AVLQM018	35.472474	-82.551221	No, a discharge from this location was not identified during Duke Energy's recent effort to map seeps in the vicinity of the Asheville Plant. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF00993)], Table 1 (EPARF00995))	n/a	n/a	No	n/a	See documents primarily relied upon	7/30/2014 NPDES Application [Seep Monitoring Report (EPARF00983-01001)]; April 2013 Site Conceptual Model Report (EPARF00718-0967)
25	Asheville	NC0000396	AVLQM019	35.464291	-82.546681	No, this location appears to be downstream of a seep discharge point and is identified as M-01 in the July 2014 Seep Monitoring Report. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF00993)], Table 1 (EPARF00995))	Flow is continuous. (7/30/2014 NPDES Application Seep Monitoring Report, Table 1 (EPARF00995))	Not applicable but this location has been characterized. (7/30/2014 NPDES Application Seep Monitoring Report, Table 2 (EPARF00996)) (See also April 2013 Site Conceptual Model Report for source characterization discussion (EPARF00718-0967))	Not applicable but this location is described in the July 2014 NPDES Update Renewal Application (EPARF00968-01105).	N/A (pending)	See documents primarily relied upon	7/30/2014 NPDES Application [Seep Monitoring Report (EPARF00983-01001)]; April 2013 Site Conceptual Model Report (EPARF00718-0967)
26	Asheville	NC0000396	AVLQM020	35.464247	-82.546702	No, this location appears to be downstream of a seep discharge point and is identified as M-01 in the July 2014 Seep Monitoring Report. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF00993)], Table 1 (EPARF00995))	Flow is continuous. (7/30/2014 NPDES Application Seep Monitoring Report, Table 1 (EPARF00995))	Not applicable but this location has been characterized. (7/30/2014 NPDES Application Seep Monitoring Report, Table 2 (EPARF00996)) (See also April 2013 Site Conceptual Model Report for source characterization discussion (EPARF00718-0967))	Not applicable but this location is described in the July 2014 NPDES Update Renewal Application (EPARF00968-01105).	N/A (pending)	See documents primarily relied upon	7/30/2014 NPDES Application [Seep Monitoring Report (EPARF00983-01001)]; April 2013 Site Conceptual Model Report (EPARF00718-0967)
27	Asheville	NC0000396	AVLQM021	35.464105	-82.546718	No, this location appears to be downstream of a seep discharge point and is identified as M-01 in the July 2014 Seep Monitoring Report. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF00993)], Table 1 (EPARF00995))	Flow is continuous. (7/30/2014 NPDES Application Seep Monitoring Report, Table 1 (EPARF00995))	Not applicable but this location has been characterized. (7/30/2014 NPDES Application Seep Monitoring Report, Table 2 (EPARF00996)) (See also April 2013 Site Conceptual Model Report for source characterization discussion (EPARF00718-0967))	Not applicable but this location is described in the July 2014 NPDES Update Renewal Application (EPARF00968-01105).	N/A (pending)	See documents primarily relied upon	7/30/2014 NPDES Application [Seep Monitoring Report (EPARF00983-01001)]; April 2013 Site Conceptual Model Report (EPARF00718-0967)
28	Asheville	NC0000396	AVLPS055	35.465746	-82.547996	Yes, this location is associated with a documented seep along Interstate 26. Please see the April 2013 Site Conceptual Model Report for additional information. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF00993)], Table 1 (EPARF00995))	Yes, flow rates vary over time. (April 2013 Site Conceptual Model (EPARF00726-0727, EPARF00962-0967))	Yes (April 2013 Site Conceptual Model (EPARF00718-0967))	No (Note that DENR has been informed of the seep since 1981. (April 2013 Site Conceptual Model (EPARF00726-0727, EPARF00962-0967))	N/A	See documents primarily relied upon	7/30/2014 NPDES Application [Seep Monitoring Report (EPARF00983-01001)]; April 2013 Site Conceptual Model Report (EPARF00718-0967)
29	Asheville	NC0000396	AVLPS056	35.465517	-82.547731	Yes, this location is associated with a documented seep along Interstate 26. Please see the April 2013 Site Conceptual Model Report for additional information. (April 2013 Site Conceptual Model (EPARF00726-0727, EPARF00962-0967))	Yes, flow rates vary over time. (April 2013 Site Conceptual Model (EPARF00726-0727, EPARF00962-0967))	Yes (April 2013 Site Conceptual Model (EPARF00718-0967))	No (Note that DENR has been informed of the seep since 1981. (April 2013 Site Conceptual Model (EPARF00726-0727, EPARF00962-0967))	N/A	See documents primarily relied upon	7/30/2014 NPDES Application [Seep Monitoring Report (EPARF00983-01001)]; April 2013 Site Conceptual Model Report (EPARF00718-0967)
30	Asheville	NC0000396	AVLPS058	35.464792	-82.547176	Yes, this location is associated with a documented seep along Interstate 26. Please see the April 2013 Site Conceptual Model Report for additional information. (April 2013 Site Conceptual Model (EPARF00726-0727, EPARF00962-0967))	Yes, flow rates vary over time. (April 2013 Site Conceptual Model (EPARF00726-0727, EPARF00962-0967))	Yes (April 2013 Site Conceptual Model (EPARF00718-0967))	No (Note that DENR has been informed of the seep since 1981. (April 2013 Site Conceptual Model (EPARF00726-0727, EPARF00962-0967))	N/A	See documents primarily relied upon	7/30/2014 NPDES Application [Seep Monitoring Report (EPARF00983-01001)]; April 2013 Site Conceptual Model Report (EPARF00718-0967)
31	Asheville	NC0000396	AVLQM012	35.463245	-82.545997	No, a discharge from this location was not identified during Duke Energy's recent effort to map seeps in the vicinity of the Asheville Plant. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF00993)], Table 1 (EPARF00995))	n/a	n/a	No	n/a	See documents primarily relied upon	7/30/2014 NPDES Application [Seep Monitoring Report (EPARF00983-01001)]; April 2013 Site Conceptual Model Report (EPARF00718-0967)

Asheville  
Response to 7/31/2014 RI  
Question #3

EPA Ex. C Line Item No.	Facility	Facility NPDES	Interest Number	LATITUDE	LONGITUDE	a. After Jan 1, 2009, when did Duke Energy identify any release of liquid from these locations? Provide dates and durations of any such release.	b. Did any of these releases occur during non-storm events?	c. Did Duke Energy identify the constituents and source of such releases?	d. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such releases? If not, why?	e. If permit coverage was sought for any such release(s) but was not issued by NCDEM, did NCDEM provide an explanation as to why? What was Duke Energy's response to not obtaining permit coverage?	f. Persons Primarily Consulted	Documents Primarily Relied Upon
32	Asheville	NC0000396	AV1QM023	35.463041	-82.545754	No, this location appears to be a confluence of seeps identified as K-01 in the July 2014 Seep Monitoring Report and not a discharge point. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF00993), Table 1 (EPARF00995)])	Flow is continuous. (7/30/2014 NPDES Application Seep Monitoring Report, Table 1 (EPARF00995))	Not applicable but this location has been characterized. (7/30/2014 NPDES Application Seep Monitoring Report, Table 2 (EPARF00996)) (See also April 2013 Site Conceptual Model Report for source characterization discussion (EPARF00718-0967))	Not applicable but this location is described in the July 2014 NPDES Update Renewal Application (EPARF00968-01105).	N/A	See documents primarily relied upon	7/30/2014 NPDES Application Seep Monitoring Report (EPARF00983-01001); April 2013 Site Conceptual Model Report (EPARF00718-0967)
33	Asheville	NC0000396	AV1QM024	35.461914	-82.544494	No, this location appears to be a downstream of stormwater culverts and is identified as P-01 in the July 2014 Seep Monitoring Report and not a discharge point. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF00993), Table 1 (EPARF00995)])	Flow is continuous. (7/30/2014 NPDES Application Seep Monitoring Report, Table 1 (EPARF00995))	Not applicable but this location has been characterized. (7/30/2014 NPDES Application Seep Monitoring Report, Table 2 (EPARF00996)) (See also April 2013 Site Conceptual Model Report for source characterization discussion (EPARF00718-0967))	Not applicable but this location is described in the July 2014 NPDES Update Renewal Application (EPARF00968-01105).	N/A	See documents primarily relied upon	7/30/2014 NPDES Application Seep Monitoring Report (EPARF00983-01001); April 2013 Site Conceptual Model Report (EPARF00718-0967)
34	Asheville	NC0000396	AV1STRWETWFEATURE001	35.59617	-82.47413	No. This location is 9.5 miles northeast of the Asheville Plant.	n/a	n/a	n/a	n/a	n/a	n/a
35	Asheville	NC0000396	AV1STR051	35.471194	-82.552945	No, this location appears to be downstream of a seep discharge point and is identified as A-01 in the July 2014 Seep Monitoring Report. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF00993), Table 1 (EPARF00995)])	Flow is continuous. (7/30/2014 NPDES Application Seep Monitoring Report, Table 1 (EPARF00995))	Not applicable but this location has been characterized. (7/30/2014 NPDES Application Seep Monitoring Report, Table 2 (EPARF00996)) (See also April 2013 Site Conceptual Model Report for source characterization discussion (EPARF00718-0967))	Not applicable but this location is described in the July 2014 NPDES Update Renewal Application (EPARF00968-01105).	N/A (pending)	See documents primarily relied upon	7/30/2014 NPDES Application Seep Monitoring Report (EPARF00983-01001); April 2013 Site Conceptual Model Report (EPARF00718-0967)
36	Asheville	NC0000396	AV1STRWETWFEATURE002	35.468625	-82.551475	No, this location appears to be downstream of a seep discharge point and is identified as B-01 in the July 2014 Seep Monitoring Report. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF00993), Table 1 (EPARF00995)])	Yes, flow is intermittent. (7/30/2014 NPDES Application Seep Monitoring Report, Table 1 (EPARF00995))	Yes (7/30/2014 NPDES Application Seep Monitoring Report, Table 2 (EPARF00996)) (See also April 2013 Site Conceptual Model Report for source characterization discussion (EPARF00718-0967))	Yes (7/30/2014 NPDES Update of Renewal Application (EPARF00968-01105)).	N/A (pending)	See documents primarily relied upon	7/30/2014 NPDES Application Seep Monitoring Report (EPARF00983-01001); April 2013 Site Conceptual Model Report (EPARF00718-0967)
37	Asheville	NC0000396	AV1STR052	35.468607	-82.551438	No, this location appears to be downstream of a seep discharge point and is identified as B-01 in the July 2014 Seep Monitoring Report. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF00993), Table 1 (EPARF00995)])	Flow is continuous in this stream. (7/30/2014 NPDES Application Seep Monitoring Report, Table 1 (EPARF00995))	Not applicable but this location has been characterized. (7/30/2014 NPDES Application Seep Monitoring Report, Table 2 (EPARF00996)) (See also April 2013 Site Conceptual Model Report for source characterization discussion (EPARF00718-0967))	Not applicable but this location is described in the July 2014 NPDES Update Renewal Application (EPARF00968-01105).	N/A (pending)	See documents primarily relied upon	7/30/2014 NPDES Application Seep Monitoring Report (EPARF00983-01001); April 2013 Site Conceptual Model Report (EPARF00718-0967)
38	Asheville	NC0000396	AV1STR054	35.466093	-82.550033	No, a discharge from this location was not identified during Duke Energy's recent effort to map seeps in the vicinity of the Asheville Plant. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 (EPARF00993), Table 1 (EPARF00995)])	n/a	n/a	n/a	n/a	See documents primarily relied upon	7/30/2014 NPDES Application Seep Monitoring Report (EPARF00983-01001); April 2013 Site Conceptual Model Report (EPARF00718-0967)

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Asheville  
Response to 7/31/2014 RFI  
Question #3

EPA Ex. C Use Item No.	Facility	Facility NPDES No.	Interest Number	LATITUDE	LONGITUDE	a. After Jan 1, 2009, when did Duke Energy identify any release of liquid from these locations? Provide dates and durations of any such releases.	b. Did any of these releases occur during non-storm events?	c. Did Duke Energy identify the constituents and source of such releases?	d. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such releases? If not, why?	e. If permit coverage was sought for any such releases, but was not issued by NCDEM, did NCDEM provide an explanation as to why? What was Duke Energy's response to not obtaining permit coverage?	f. Persons Primarily Consulted	Documents Primarily Relied Upon
46	Asheville	NC0000396	AVLSU	35.464036	-82.548729	No, this an outlet channel to the French Broad River within the Flood Plain. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 [EPARF00993], Table 1 [EPARF00995]] for identification of seeps in the vicinity of this location)	Flow varies dependent upon FBR water level, has inflow and outflow of French Broad River water. (7/30/2014 NPDES Application Seep Monitoring Report, Table 1 [EPARF00995])	Not applicable but this location has been characterized. (7/30/2014 NPDES Application Seep Monitoring Report, Table 2 [EPARF00996]) (See also April 2013 Site Conceptual Model Report for source characterization discussion [EPARF00718- 0967])	Not applicable but this location is described in the July 2014 NPDES Update Renewal Application [EPARF00968-01105].	N/A (pending)	See documents primarily relied upon	7/30/2014 NPDES Application Seep Monitoring Report [EPARF00983-01001]; April 2013 Site Conceptual Model Report [EPARF00718-0967]
47	Asheville	NC0000396	AVLSRU64	35.463616	-82.548154	No, a discharge from this location was not identified during Duke Energy's recent effort to map seeps in the vicinity of the Asheville Plant. (7/30/2014 NPDES Application [Seep Monitoring Report, Figure 2 [EPARF00993], Table 1 [EPARF00995]])	n/a	n/a	No	n/a	See documents primarily relied upon	7/30/2014 NPDES Application Seep Monitoring Report [EPARF00983-01001]; April 2013 Site Conceptual Model Report [EPARF00718-0967]
48	Asheville	NC0000396	AVLSW-5	35.474578	-82.547092	Yes, this location is permitted stormwater outfall SW-5. (06/21/2005 NPDES Permit Application [EPARF00521-0598]; 01/01/2006 NPDES permit [EPARF00599-0631]; 6/11/2010 NPDES Application [EPARF00632-0716]; 7/30/2014 Update of Renewal Application [EPARF00968])	No	Yes (6/21/2005 NPDES Application Form 2F Attachment 6 [EPARF00574-0576] 6/11/2010 NPDES Application Form 2F Attachment 6 [EPARF00688-0689])	Yes, but Duke has withdrawn that request. (2010 NPDES Application Form 2F [EPARF00662- 0666, EPARF00683-0689]; July 2014 Cover Letter referencing 2010 Form 2F [EPARF00968]; 9/15/2014 RAI Response [EPARF01106])	N/A (Permitted in 2006 [NC000396])	See documents primarily relied upon	2005 NPDES Permit Application [EPARF00521- 0598], 2006 NPDES Permit [EPARF00599-0631], 2010 NPDES Application [EPARF00632-0716], 2014 NPDES Renewal Resubmittal Application [EPARF0068- 01105], 9/15/2014 RAI Response [EPARF01106- 01115]
49	Asheville	NC0000396	AVLSW-4	35.477693	-82.546492	Yes, this location is permitted stormwater outfall SW-4. (06/21/2005 NPDES Permit Application [EPARF00521-0598]; 01/01/2006 NPDES permit [EPARF00599-0631]; 6/11/2010 NPDES Application [EPARF00632-0716]; 7/30/2014 Update of Renewal Application [EPARF00968])	No	Yes (6/21/2005 NPDES Application Form 2F Attachment 6 [EPARF00574-0576] 6/11/2010 NPDES Application Form 2F Attachment 6 [EPARF00688-0689])	Yes, but Duke has withdrawn that request. (2010 NPDES Application Form 2F [EPARF00662- 0666, EPARF00683-0689]; July 2014 Cover Letter referencing 2010 Form 2F [EPARF00968]; 9/15/2014 RAI Response [EPARF01106])	N/A (Permitted in 2006 [NC000396])	See documents primarily relied upon	2005 NPDES Permit Application [EPARF00521- 0598], 2006 NPDES Permit [EPARF00599-0631], 2010 NPDES Application [EPARF00632-0716], 2014 NPDES Renewal Resubmittal Application [EPARF0068- 01105], 9/15/2014 RAI Response [EPARF01106- 01115]
50	Asheville	NC0000396	LJ0AMSP-1	35.477206	-82.547493	No, a discharge from this location was not identified during Duke Energy's recent effort to map seeps in the vicinity of the Asheville Plant. (7/30/2014 NPDES Application Seep Monitoring Report, Figure 2 [EPARF00993], Table 1 [EPARF00995]])	n/a	n/a	n/a	n/a	See documents primarily relied upon	7/30/2014 NPDES Application [Seep Monitoring Report]; 6/11/2010 NPDES Application [EPARF00632-0716]

EPIC Case Number	Location	Section Number	Section Name	Latitude	Longitude	1. Aerial Photo of the location showing the location of the location and the location of the location.	2. List any of the location's other locations.	3. List any of the location's other locations.	4. List any of the location's other locations.	5. List any of the location's other locations.	6. List any of the location's other locations.	7. List any of the location's other locations.	8. List any of the location's other locations.	9. List any of the location's other locations.	10. List any of the location's other locations.
51	Adelphi	MC000396	LIAMW-2	35.47379	-82.54746	No. 1. Aerial Photo of the location showing the location of the location and the location of the location. (EPAN000396) Table 1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	7/10/2014 WPDES Application (See Monitoring Report) (EPAN000396) Table 1
52	Adelphi	MC000396	LI06	35.47472	-82.54725	No. 1. Aerial Photo of the location showing the location of the location and the location of the location. (EPAN000396) Table 1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	7/10/2014 WPDES Application (See Monitoring Report) (EPAN000396) Table 1
53	Adelphi	MC000396	AM1006	35.47378	-82.54807	No. 2. Aerial Photo of the location showing the location of the location and the location of the location. (EPAN000396) Table 1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	7/10/2014 WPDES Application (See Monitoring Report) (EPAN000396) Table 1
54	Adelphi	MC000396	AM1006	35.47344	-82.54597	No. 1. Aerial Photo of the location showing the location of the location and the location of the location. (EPAN000396) Table 1	No	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	2005 WPDES Permit Application (EPAN000396) Table 1
55	Adelphi	MC000396	AM1006	35.46451	-82.54792	No. 1. Aerial Photo of the location showing the location of the location and the location of the location. (EPAN000396) Table 1	No	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	2005 WPDES Permit Application (EPAN000396) Table 1
56	Adelphi	MC000396	AM1006	35.46247	-82.54538	No. 1. Aerial Photo of the location showing the location of the location and the location of the location. (EPAN000396) Table 1	No	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	Yes, but this location is not within the request. (EPAN000396) Table 1	2005 WPDES Permit Application (EPAN000396) Table 1



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Entity	Description	(a) Date and Duration of Exposure to Surface Water After January 1, 2009	Latitude	Longitude	(c) Did Person Occupy During Post-Exposure Period	(d) Did Other Person, Not Constituent, Also Occupy At	(e) Did Person Seek Medical Advice Regarding Contact with Surface Water After Exposure?	(f) Did Person, or Other Person, Also Seek Medical Advice Regarding Contact with Surface Water After Exposure?	Person Primarily Consulted	Document(s) Primarily Relied Upon
Adenville		Identified as C-1 in the July 2014 Sheep Monitoring report. This location is a sheep conference site. See Blue Ridge National Park Sheep Monitoring Report, Figure 2 (EPAN100993), Table 1 (EPAN100993).	33.444	-82.139	How is constituent, (7/30/2014 WPLS Sheep Monitoring Report, Table 1 (EPAN100993), Table 1 (EPAN100993)).	Constituents, Yes (7/30/2014 WPLS Sheep Monitoring Report, Table 2 (EPAN100993)).	Yes (7/30/2014 WPLS Sheep Monitoring Report, Table 1 (EPAN100993)).	n/a (pending)	See documents primarily relied upon	7/30/2014 WPLS Sheep Monitoring Report, Table 1 (EPAN100993), Table 2 (EPAN100993), Model Report (EPAN100718-0987)



Belews Creek  
Response to 7/31/2014 RFI  
Question #3

EPA Line Item No.	Facility	NC0024406	Interest Number	Latitude	Longitude	a. After Jan 1, 2009, when did Duke Energy identify any release of oil, liquid or gaseous substances from these locations. Provide dates and durations of any such releases.	b. Did any of these releases occur during non-storm events?	c. Did Duke Energy identify the constituents and source of such releases?	d. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such releases? If not, why?	e. If permit coverage was sought for any such releases, but was not issued by NCDENR, did NCDENR provide an explanation as to why? What was Duke's response?	Persons Primarily Consulted	Documents Primarily Relied Upon
66	Belews Creek	NC0024406	ABW	36.29782116850	-80.07556825160	Yes, this is the discharge point for the engineered toe drains. (8/29/2006 NPDES Permit Application [NC0024406] Supplemental Information [EPARF01156]; 8/29/2011 NPDES Permit Application [NC0024406] Supplemental Information [EPARF011224]; 11/04/2010 Presentation to DENR [EPARF01183]; 7/31/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARF01295-96; EPARF01299])	Yes, flow is continuous (8/29/2006 NPDES Permit Application [NC0024406] Supplemental Information [EPARF01156]; 8/29/2011 NPDES Permit Application [NC0024406] Supplemental Information [EPARF01224]; 11/04/2010 Presentation to DENR [EPARF01183]; 7/31/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARF01295-96; EPARF01299])	Yes (8/29/2006 NPDES Permit Application [NC0024406] Supplemental Information [EPARF01156]; 8/29/2011 NPDES Permit Application [NC0024406] Supplemental Information [EPARF01224]; 11/04/2010 Presentation to DENR [EPARF01183]; 7/31/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARF01295-96; EPARF01299])	Yes (8/29/2006 NPDES Permit Application [NC0024406] Supplemental Information [EPARF01156]; 8/29/2011 NPDES Permit Application [NC0024406] Supplemental Information [EPARF01224]; 11/04/2010 Presentation to DENR [EPARF01183]; 7/31/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARF01295-96; EPARF01299])	Permits are silent on the engineered toe drains identified in the applications	Melanie Martin	8/29/2006 NPDES Permit Application [EPARF01116-01177]; 8/29/2011 NPDES Permit Application [EPARF01191-01232]; 11/04/2010 Presentation to DENR [EPARF01183]; EPARF01189]; 7/31/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARF01290-01293]
67	Belews Creek	NC0024406	OUT003	36.30077000000	-80.07625000000	Yes, this is permitted outfall 003 (8/29/2011 NPDES Application [NC0024406] [EPARF01191-01232]; 10/12/2012 NPDES Permit [EPARF01233-01262])	Yes, flow is continuous. (8/29/2011 NPDES Application [NC0024406] [EPARF01191-01232]; 10/12/2012 NPDES Permit [EPARF01233-01262])	Yes (8/29/2011 NPDES Application [NC0024406] [EPARF01191-01232]; 10/12/2012 NPDES Permit [EPARF01233-01262])	Yes (8/29/2011 NPDES Application [NC0024406] [EPARF01191-01232]; 10/12/2012 NPDES Permit [EPARF01233-01262])	N/A	Melanie Martin	8/29/2011 NPDES Application [NC0024406] [EPARF01191-01232]; 10/12/2012 NPDES Permit [EPARF01233-01262])
68	Belews Creek	NC0024406	SW006	36.27978082220	-80.05791487440	Yes, this is pending stormwater outfall SW006. (7/31/2014 Form 2F Supplemental Information [EPARF01463-64]; 8/29/2006 Form 2F Supplemental Information [EPARF01169]; 09/19/2014 RAI Response [EPARF01514-01515])	No	Yes (7/31/2014 Form 2F Supplemental Information [EPARF01463-64]; 7/31/2014 Belews Creek Steam Station Stormwater Monitoring report [EPARF01482; EPARF01488-89])	Yes (7/31/2014 Form 2F Supplemental Information [EPARF01463-64]; 8/29/2006 Form 2F Supplemental Information [EPARF01169]; 09/19/2014 RAI Response [EPARF01514-01515])	N/A (pending)	See documents primarily relied upon	8/29/2006 NPDES Permit Application [EPARF01116-01177]; 7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARF01447-01491]; 09/19/2014 RAI Response [EPARF01492-01535]
69	Belews Creek	NC0024406	SWUNK001	36.27977543430	-80.05780250250	No (See 3/11/2014 DENR notes indicating that this location has "no flow" [EPARF01268])	n/a	n/a	n/a	n/a	See documents primarily relied upon	7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARF01447-01491]; 09/19/2014 RAI Response [EPARF01492-01535]; DENR 3/11/2014 Field Notes [EPARF01263-01272]
70	Belews Creek	NC0024406	CCW001	36.28016015440	-80.05871233700	Yes (8/29/2006 NPDES Permit Application [NC0024406] Supplemental Information [EPARF01154]; 8/29/2011 NPDES Permit Application [NC0024406] Supplemental Information [EPARF01222])	Yes (8/29/2006 NPDES Permit Application [NC0024406] Supplemental Information [EPARF01154]; 8/29/2011 NPDES Permit Application [NC0024406] Supplemental Information [EPARF01222])	Yes (8/29/2006 NPDES Permit Application [NC0024406] Supplemental Information [EPARF01154]; 8/29/2011 NPDES Permit Application [NC0024406] Supplemental Information [EPARF01222])	Yes (8/29/2006 NPDES Permit Application [NC0024406] Supplemental Information [EPARF01154]; 8/29/2011 NPDES Permit Application [NC0024406] Supplemental Information [EPARF01222])	The permits are silent on this discharge identified in the applications.	See documents primarily relied upon	8/29/2006 NPDES Permit Application [EPARF01116-01177]; 8/29/2011 NPDES Permit Application [EPARF01191-01232]
71	Belews Creek	NC0024406	SW002	na	na	Yes, this is pending stormwater outfall SW002. (7/31/2014 Form 2F Supplemental Information [EPARF01461-62]; 8/29/2006 NPDES Application Form 2F Supplemental Information [EPARF01167]; 09/19/2014 RAI Response [EPARF01512-01513])	No	Yes (7/31/2014 Form 2F Supplemental Information [EPARF01461-62]; 7/31/2014 Belews Creek Steam Station Stormwater Monitoring report [EPARF01482; EPARF01488-89]; 8/29/2006 NPDES Application Form 2F Supplemental Information [EPARF01167])	Yes (7/31/2014 Form 2F Supplemental Information [EPARF01461-62]; 8/29/2006 NPDES Application Form 2F Supplemental Information [EPARF01167]; 09/19/2014 RAI Response [EPARF01512-01513])	N/A (pending)	See documents primarily relied upon	8/29/2006 NPDES Permit Application [EPARF01116-01177]; 7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARF01447-01491]; 09/19/2014 RAI Response [EPARF01492-01535]

Belews Creek  
Response to 7/31/2014 RFI  
Question #3

EPA Line Item No.	Facility	NCDD4406	Interest Number	Latitude	Longitude	A. After Jan 1, 2000, when did Duke Energy identify any release of hazardous materials from these operations? Provide a date and description of the release.	B. Did any of these releases occur during non-storm events?	C. Did Duke Energy identify the constituents and source of such releases?	D. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such releases? If not, why not? Provide an explanation as to why not? What was Duke's	E. If permit coverage was sought for any such releases but was not issued, why not? Provide an explanation as to why not? What was Duke's	Persons Primarily Consulted	Documents Primarily Relied Upon
72	Belews Creek	NCDD4406	SW003	na	na	Yes, this is pending stormwater outfall SW003. (7/31/2014 Form 2F Supplemental Information [EPARF01462]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARF01167]; 09/19/2014 RAI Response [EPARF01513])	No	Yes (7/31/2014 Form 2F Supplemental Information [EPARF01462]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARF01167]; September 2014 RAI Response [EPARF01492-93])	Yes (7/31/2014 Form 2F Supplemental Information [EPARF01462]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARF01168]; 09/19/2014 RAI Response [EPARF01513])	N/A (pending)	See documents primarily relied upon	8/29/2006 NPDES Permit Application [EPARF01116-01177]; 7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARF01447-01491]; 09/19/2014 RAI Response [EPARF01492-01535]
73	Belews Creek	NCDD4406	SW004	na	na	Yes, this is pending stormwater outfall SW004. (7/31/2014 Form 2F Supplemental Information [EPARF01462-63]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARF01168]; 09/19/2014 RAI Response [EPARF01513-01514])	No	Yes (7/31/2014 Form 2F Supplemental Information [EPARF01462-63]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARF01168]; September 2014 RAI Response [EPARF01492-93])	Yes (7/31/2014 Form 2F Supplemental Information [EPARF01462-63]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARF01168]; 09/19/2014 RAI Response [EPARF01513-01514])	N/A (pending)	See documents primarily relied upon	8/29/2006 NPDES Permit Application [EPARF01116-01177]; 7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARF01447-01491]; 09/19/2014 RAI Response [EPARF01492-01535]
74	Belews Creek	NCDD4406	SW005	na	na	Yes, this is pending stormwater outfall SW005. (7/31/2014 Form 2F Supplemental Information [EPARF01463]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARF01168]; 09/19/2014 RAI Response [EPARF01514])	No	Yes (7/31/2014 Form 2F Supplemental Information [EPARF01463]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARF01168]; September 2014 RAI Response [EPARF01492-93])	Yes (7/31/2014 Form 2F Supplemental Information [EPARF01463]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARF01168]; 09/19/2014 RAI Response [EPARF01514])	N/A (pending)	See documents primarily relied upon	8/29/2006 NPDES Permit Application [EPARF01116-01177]; 7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARF01447-01491]; 09/19/2014 RAI Response [EPARF01492-01535]
75	Belews Creek	NCDD4406	OUT001	36.28032203430	-80.06078429570	Yes, this is permitted outfall 001. (8/29/2011 NPDES Application [NCDD4406] [EPARF01191-01232]; 10/12/2012 NPDES Permit [EPARF01233-01262])	Yes, flow is continuous. (8/29/2011 NPDES Application [NCDD4406] [EPARF01191-01232]; 10/12/2012 NPDES Permit [EPARF01233-01262])	Yes (8/29/2011 NPDES Application [NCDD4406] [EPARF01191-01232]; 10/12/2012 NPDES Permit [EPARF01233-01262])	Yes (8/29/2011 NPDES Application [NCDD4406] [EPARF01191-01232]; 10/12/2012 NPDES Permit [EPARF01233-01262])	N/A	See documents primarily relied upon	8/29/2011 NPDES Application [NCDD4406] [EPARF01191-01232]; 10/12/2012 NPDES Permit [EPARF01233-01262]
76	Belews Creek	NCDD4406	SW011	na	na	Yes, this is pending stormwater outfall SW011. (7/31/2014 Form 2F Supplemental Information [EPARF01465-66]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARF01170]; 09/19/2014 RAI Response [EPARF01516-01517])	No	Yes (7/31/2014 Form 2F Supplemental Information [EPARF01465-66]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARF01170]; 09/19/2014 RAI Response [EPARF01516-01517])	Yes (7/31/2014 Form 2F Supplemental Information [EPARF01465-66]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARF01170]; 09/19/2014 RAI Response [EPARF01516-01517])	N/A (pending)	See documents primarily relied upon	8/29/2006 NPDES Permit Application [EPARF01116-01177]; 7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARF01447-01491]; 09/19/2014 RAI Response [EPARF01492-01535]
77	Belews Creek	NCDD4406	SW012	na	na	Yes, this is pending stormwater outfall SW012. (7/31/2014 Form 2F Supplemental Information [EPARF01466]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARF01171]; 09/19/2014 RAI Response [EPARF01517])	No	Yes (7/31/2014 Form 2F Supplemental Information [EPARF01466]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARF01171]; 09/19/2014 RAI Response [EPARF01517])	Yes (7/31/2014 Form 2F Supplemental Information [EPARF01466]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARF01171]; 09/19/2014 RAI Response [EPARF01517])	N/A (pending)	See documents primarily relied upon	8/29/2006 NPDES Permit Application [EPARF01116-01177]; 7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARF01447-01491]; 09/19/2014 RAI Response [EPARF01492-01535]

Belews Creek  
Response to 7/31/2014 RFI  
Question #3

EPA Line Item No.	Facility	NC0024406	Interest Number	Latitude	Longitude	a. After Jan 1, 2009, when did Duke Energy identify any release of oil from these locations. Provide dates and durations of any such releases.	b. Did any of these releases occur during non-storm events?	c. Did Duke Energy identify the constituents and source of such releases?	d. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such releases? If not, why?	e. If permit coverage was sought for any such releases but was not issued by NCDENR, did NCDENR provide an explanation as to why? What was Duke's response?	Persons Primarily Consulted	Documents Primarily Relied Upon
78	Belews Creek	NC0024406	SW013	36.28019631350	-80.06088236740	Yes, this is pending stormwater outfall SW013. (7/31/2014 Form 2F Supplemental Information [EPARFI01463-67]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARFI01171]; 09/18/2014 RAI Response [EPARFI01517-01518])	No	Yes (7/31/2014 Form 2F Supplemental Information [EPARFI01463-67]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARFI01171]; September 2014 RAI Response [EPARFI01492-93])	Yes (7/31/2014 Form 2F Supplemental Information [EPARFI01463-67]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARFI01171]; 09/19/2014 RAI Response [EPARFI01517-01518])	N/A (pending)	See documents primarily relied upon	8/29/2006 NPDES Permit Application [EPARFI01116-01177]; 7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARFI01447-01493]; 09/18/2014 RAI Response [EPARFI01492-01535]
79	Belews Creek	NC0024406	SW014	36.28044803620	-80.06105625920	Yes, this is pending stormwater outfall SW014. (7/31/2014 Form 2F Supplemental Information [EPARFI01467]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARFI01172]; 09/19/2014 RAI Response [EPARFI01518])	No	Yes (7/31/2014 Form 2F Supplemental Information [EPARFI01467]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARFI01172]; 09/19/2014 RAI Response [EPARFI01518])	Yes (7/31/2014 Form 2F Supplemental Information [EPARFI01467]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARFI01172]; 09/19/2014 RAI Response [EPARFI01518])	N/A (pending)	See documents primarily relied upon	8/29/2006 NPDES Permit Application [EPARFI01116-01177]; 7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARFI01447-01493]; 09/18/2014 RAI Response [EPARFI01492-01535]
80	Belews Creek	NC0024406	SW015	36.28092473410	-80.06162002260	Yes, this is pending stormwater outfall SW015. (7/31/2014 Form 2F Supplemental Information [EPARFI01467-68]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARFI01172]; 09/18/2014 RAI Response [EPARFI01518-01519])	No	Yes (7/31/2014 Form 2F Supplemental Information [EPARFI01467-68]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARFI01172]; 7/31/2014 Belews Creek Steam Station Stormwater Monitoring report [EPARFI01482; EPARFI01488-89]);	Yes (7/31/2014 Form 2F Supplemental Information [EPARFI01467-68]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARFI01172]; 09/19/2014 RAI Response [EPARFI01518-01519])	N/A (pending)	See documents primarily relied upon	7/31/2014 Form 2F Supplemental Information [EPARFI01467-68]; 8/29/2006 NPDES Application Form 2F, Supplemental Information [EPARFI01172]; 09/19/2014 RAI Response [EPARFI01492-01535]
81	Belews Creek	NC0024406	BCSW009	36.27640773580	-80.05963082960	Yes, this is pending stormwater outfall SW009. (7/31/2014 Form 2F Supplemental Information [EPARFI01465]; 09/18/2014 RAI Response [EPARFI01516])	No	Yes (7/31/2014 Form 2F Supplemental Information [EPARFI01465]; 09/18/2014 RAI Response [EPARFI01516])	Yes (7/31/2014 Form 2F Supplemental Information [EPARFI01465]; 09/19/2014 RAI Response [EPARFI01516])	N/A (pending)	See documents primarily relied upon	8/29/2006 NPDES Permit Application [EPARFI01116-01177]; 7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARFI01447-01493]; 09/18/2014 RAI Response [EPARFI01514-01515]
82	Belews Creek	NC0024406	BCSW008	36.27392842950	-80.05996945800	Yes, this is pending stormwater outfall SW026, but see the September 2014 RAI Response which indicates that SW026 should be removed from any permitting requirements (7/31/2014 Form 2F Supplemental Information [EPARFI01472]; 09/19/2014 RAI Response [EPARFI01497])	No	Yes (7/31/2014 Form 2F Supplemental Information [EPARFI01472])	Yes, but see the September 2014 RAI Response which indicates that SW026 should be removed from any permitting requirements (7/31/2014 Form 2F Supplemental Information [EPARFI01472]; 09/19/2014 RAI Response [EPARFI01497])	N/A (pending)	See documents primarily relied upon	7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARFI01447-01491]; 09/18/2014 RAI Response [EPARFI01492-01535]
83	Belews Creek	NC0024406	BCOS008	36.27352194480	-80.05885008830	No, this location discharges to BCSW008 (See EPARFI01274).	n/a	n/a	n/a	n/a	See documents primarily relied upon	7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARFI01447-01491]; 09/19/2014 RAI Response [EPARFI01514-01515]; DENR 3/20/2014 Field Notes [EPARFI01273-01282]
84	Belews Creek	NC0024406	BCSWUNK001	na	na	Unable to identify precise nature of discharge without location coordinates.	n/a	Yes, appears to have been sampled by DENR and Duke Energy on 3/20/2014. (See EPARFI01275).	n/a	n/a	See documents primarily relied upon	7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARFI01447-01491]; 09/19/2014 RAI Response [EPARFI01514-01515]; DENR 3/20/2014 Field Notes [EPARFI01273-01282]

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Belews Creek  
Response to 7/31/2014 RFI  
Question #4

Facility	Description	(a) Dates and Duration of Releases to Surface Water after January 1, 2009	(b) LATITUDE	(b) LONGITUDE	(c) Did release occur during non-storm events	(d) Did Duke identify the constituents and source of release	(e) Did Duke seek industrial and/or stormwater permit coverage under NPDES for release. If not, why not?	(f) If permit coverage was sought but was not issued by NCDENR, did NCDENR provide an explanation as to why? What was Duke's response to not obtaining permit coverage?	Persons Primarily Consulted	Documents Primarily Relied Upon
Belews Creek	S-1	Identified as S-1 in the July 2014 Seep Monitoring Report. This location is downstream of the discharge point. Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01293-01304])	36.293	-80.083	Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01293-01304])	Constituents, Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01299])	Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01290-01304])	n/a (pending)	Melanie Martin	7/29/2014 NPDES Permit Modification Belews Creek Steam Station #NC0024406 Seep Monitoring Report [EPARFI01290-01304]
Belews Creek	S-2	Identified as S-2 in the July 2014 Seep Monitoring Report. This location is downstream of the discharge point. Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01293-01304])	36.297	-80.083	Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01293-01304])	Constituents, Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01299])	Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01290-01304])	n/a (pending)	Melanie Martin	7/29/2014 NPDES Permit Modification Belews Creek Steam Station #NC0024406 Seep Monitoring Report [EPARFI01290-01304]
Belews Creek	S-3	Identified as S-3 in the July 2014 Seep Monitoring Report. This location is downstream of the discharge point. Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01293-01304])	36.298	-80.083	Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01293-01304])	Constituents, Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01299])	Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01290-01304])	n/a (pending)	Melanie Martin	7/29/2014 NPDES Permit Modification Belews Creek Steam Station #NC0024406 Seep Monitoring Report [EPARFI01290-01304]
Belews Creek	S-4	Identified as S-4 in the July 2014 Seep Monitoring Report. This location is downstream of the discharge point. Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01293-01304])	36.298	-80.082	Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01293-01304])	Constituents, Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01299])	Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01290-01304])	n/a (pending)	Melanie Martin	7/29/2014 NPDES Permit Modification Belews Creek Steam Station #NC0024406 Seep Monitoring Report [EPARFI01290-01304]
Belews Creek	S-5	Identified as S-5 in the July 2014 Seep Monitoring Report. This location is downstream of the discharge point. Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01293-01304])	36.300	-80.081	Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01293-01304])	Constituents, Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01299])	Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01290-01304])	n/a (pending)	Melanie Martin	7/29/2014 NPDES Permit Modification Belews Creek Steam Station #NC0024406 Seep Monitoring Report [EPARFI01290-01304]
Belews Creek	S-6	Identified as S-6 in the July 2014 Seep Monitoring Report. This location is downstream of the discharge point. Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01293-01304])	36.296	-80.061	Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01293-01304])	Constituents, Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01299])	Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01290-01304])	n/a (pending)	Melanie Martin	7/29/2014 NPDES Permit Modification Belews Creek Steam Station #NC0024406 Seep Monitoring Report [EPARFI01290-01304]
Belews Creek	S-7	Identified as S-7 in the July 2014 Seep Monitoring Report. This location is downstream of the discharge point. Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01293-01304])	36.287	-80.064	Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01293-01304])	Constituents, Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01299])	Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFI01290-01304])	n/a (pending)	Melanie Martin	7/29/2014 NPDES Permit Modification Belews Creek Steam Station #NC0024406 Seep Monitoring Report [EPARFI01290-01304]

Belews Creek  
Response to 7/31/2014 RFI  
Question #4

Facility	Description	(a) Dates and Duration of Releases to Surface Water after January 1, 2009	(b) LATITUDE	(b) LONGITUDE	(c) Did release occur during non-storm events	(d) Did Duke identify the constituents and source of release	(e) Did Duke seek industrial and/or stormwater permit coverage under NPDES for release. If not, why not?	(f) If permit coverage was sought but was not issued by NCDENR, did NCDENR provide explanation as to why? What was Duke's response to not obtaining permit coverage?	Persons Primarily Consulted	Documents Primarily Relied Upon
Belews Creek	S-8	Identified as S-8 in the July 2014 Seep Monitoring Report. This location is downstream of the discharge point. Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFIO1293-01304])	36.280	-80.078	Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFIO1293-01304])	Constituents, Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFIO1299])	Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFIO1290-01304])	n/a (pending)	Melanie Martin	7/29/2014 NPDES Permit Modification Belews Creek Steam Station #NC0024406 Seep Monitoring Report [EPARFIO1293-01304]
Belews Creek	S-9	Identified as S-9 in the July 2014 Seep Monitoring Report. This location is downstream of the discharge point. Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFIO1293-01304])	36.280	-80.072	Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFIO1293-01304])	Constituents, Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFIO1299])	Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFIO1290-01304])	n/a (pending)	Melanie Martin	7/29/2014 NPDES Permit Modification Belews Creek Steam Station #NC0024406 Seep Monitoring Report [EPARFIO1290-01304]
Belews Creek	S-10	Identified as S-10 in the July 2014 Seep Monitoring Report. This location is downstream of the discharge point. Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFIO1293-01304])	36.299	-80.076	Flow is continuous. (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFIO1293-01304])	Constituents, Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFIO1299])	Yes (7/29/2014 NPDES Permit Modification Seep Monitoring July 2014 [EPARFIO1290-01304])	n/a (pending)	Melanie Martin	7/29/2014 NPDES Permit Modification Belews Creek Steam Station #NC0024406 Seep Monitoring Report [EPARFIO1290-01304]
Belews Creek	SW001	This location is a stormwater outfall, releases occur during rain events (09/19/2014 RAI Response [EPARFIO152]; 7/31/2014 Form 2F Supplemental Information [EPARFIO1461]; 8/29/2006 Form 2F, Supplemental Information [EPARFIO1166-01167])	36.284	-80.060	No	Yes (09/19/2014 RAI Response [EPARFIO152]; 7/31/2014 Form 2F Supplemental Information [EPARFIO1461]; 8/29/2006 Form 2F, Supplemental Information [EPARFIO1166-01167])	Yes (09/19/2014 RAI Response [EPARFIO152]; 7/31/2014 Form 2F Supplemental Information [EPARFIO1461]; 8/29/2006 Form 2F, Supplemental Information [EPARFIO1166-01167])	n/a (pending)	See documents primarily relied upon	8/29/2006 NPDES Permit Application [EPARFIO1116-01177]; 7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARFIO1447-01491]; 09/19/2014 RAI Response [EPARFIO1492-01535]
Belews Creek	SW007	This location is a stormwater outfall, releases occur during rain events (09/19/2014 RAI Response [EPARFIO1515]; 7/31/2014 Form 2F Supplemental Information [EPARFIO1464]; 8/29/2006 Form 2F, Supplemental Information [EPARFIO1169])	36.278	-80.056	No	Yes (09/19/2014 RAI Response [EPARFIO1515]; 7/31/2014 Form 2F Supplemental Information [EPARFIO1464]; 8/29/2006 Form 2F, Supplemental Information [EPARFIO1169])	Yes (09/19/2014 RAI Response [EPARFIO1515]; 7/31/2014 Form 2F Supplemental Information [EPARFIO1464]; 8/29/2006 Form 2F, Supplemental Information [EPARFIO1169])	n/a (pending)	See documents primarily relied upon	8/29/2006 NPDES Permit Application [EPARFIO1116-01177]; 7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARFIO1447-01491]; 09/19/2014 RAI Response [EPARFIO1492-01535]
Belews Creek	SW016	This location is a stormwater outfall, releases occur during rain events (09/19/2014 RAI Response [EPARFIO1520]; 7/31/2014 Form 2F Supplemental Information [EPARFIO1468-01469]; 8/29/2006 Form 2F, Supplemental Information [EPARFIO1173-01174])	36.278	-80.046	No	Yes (09/19/2014 RAI Response [EPARFIO1520]; 7/31/2014 Form 2F Supplemental Information [EPARFIO1468-01469]; 8/29/2006 Form 2F, Supplemental Information [EPARFIO1173-01174])	Yes (09/19/2014 RAI Response [EPARFIO1520]; 7/31/2014 Form 2F Supplemental Information [EPARFIO1468-01469]; 8/29/2006 Form 2F, Supplemental Information [EPARFIO1173-01174])	n/a (pending)	See documents primarily relied upon	8/29/2006 NPDES Permit Application [EPARFIO1116-01177]; 7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARFIO1447-01491]; 09/19/2014 RAI Response

Belews Creek  
Response to 7/31/2014 RFI  
Question #4

Facility	Description	(a) Dates and Duration of Releases to Surface Water after January 1, 2009	(b) LATITUDE	(b) LONGITUDE	(c) Did release occur during non-storm events?	(d) Did Duke identify the constituents and source of release?	(e) Did Duke seek industrial and/or stormwater permit coverage under NPDES for release. If not, why not?	(f) If permit coverage was sought but was not issued by NCDENR, did NCDENR provide explanation as to why? What was Duke's response to not obtaining permit coverage?	(g) Persons Primarily Consulted	(h) Documents Primarily Relied Upon
Belews Creek	SW017	This location is a stormwater outfall, releases occur during rain events (09/19/2014 RAI Response [EPARFI01521]); 7/21/2014 Form 2F Supplemental Information [EPARFI01469]; 8/29/2006 Form 2F, Supplemental Information [EPARFI01174]	36.278	-80.062	No	Yes (09/19/2014 RAI Response [EPARFI01521]); 7/21/2014 Form 2F Supplemental Information [EPARFI01469]; 8/29/2006 Form 2F, Supplemental Information [EPARFI01174]	Yes (09/19/2014 RAI Response [EPARFI01521]); 7/21/2014 Form 2F Supplemental Information [EPARFI01469]; 8/29/2006 Form 2F, Supplemental Information [EPARFI01174]	n/a (pending)	See documents primarily relied upon	8/29/2006 NPDES Permit Application [EPARFI01116-01177]; 7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARFI01447-01491]; 09/19/2014 RAI Response [EPARFI01492-01535]
Belews Creek	SW0018A	This location is a stormwater Outfall, releases occur during rain events (09/19/2014 RAI Response [EPARFI01521]; 7/31/2014 Form 2F Supplemental Information [EPARFI01470])	36.279	-80.066	No	Yes (09/19/2014 RAI Response [EPARFI01521]; 7/31/2014 Form 2F Supplemental Information [EPARFI01470])	Yes (09/19/2014 RAI Response [EPARFI01521]; 7/31/2014 Form 2F Supplemental Information [EPARFI01470])	n/a (pending)	See documents primarily relied upon	7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARFI01447-01491]; 09/19/2014 RAI Response [EPARFI01492-01535]
Belews Creek	SW022	This location is a stormwater outfall, releases occur during rain events (09/19/2014 RAI Response [EPARFI01522]; 7/31/2014 Form 2F Supplemental Information [EPARFI01471])	36.279	-80.055	No	Yes (09/19/2014 RAI Response [EPARFI01522]; 7/31/2014 Form 2F Supplemental Information [EPARFI01471])	Yes (09/19/2014 RAI Response [EPARFI01522]; 7/31/2014 Form 2F Supplemental Information [EPARFI01471])	n/a (pending)	See documents primarily relied upon	7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARFI01447-01491]; 09/19/2014 RAI Response [EPARFI01492-01535]
Belews Creek	SW024	This location is a stormwater outfall, releases occur during rain events (09/19/2014 RAI Response [EPARFI01523]; 7/31/2014 Form 2F Supplemental Information [EPARFI01471-01472])	36.278	-80.067	No	Yes (09/19/2014 RAI Response [EPARFI01523]; 7/31/2014 Form 2F Supplemental Information [EPARFI01471-01472])	Yes (09/19/2014 RAI Response [EPARFI01523]; 7/31/2014 Form 2F Supplemental Information [EPARFI01471-01472])	n/a (pending)	See documents primarily relied upon	7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARFI01447-01491]; 09/19/2014 RAI Response [EPARFI01492-01535]
Belews Creek	SW027	This location is a stormwater outfall, releases occur during rain events (09/19/2014 RAI Response [EPARFI01523])	36°16'17.512"N	80°4'7.400"W	No	Yes (09/19/2014 RAI Response [EPARFI01523])	Yes (09/19/2014 RAI Response [EPARFI01523])	n/a (pending)	See documents primarily relied upon	209/19/2014 RAI Response [EPARFI01492-01535]
Belews Creek	Drainage Area 19	This location is a stormwater Drainage Area, releases occur during rain events (09/19/2014 RAI Response [EPARFI01527]; 7/31/2014 Form 2F Supplemental Information [EPARFI01474])	36.277	-80.068	No	Yes (09/19/2014 RAI Response [EPARFI01527]; 7/31/2014 Form 2F Supplemental Information [EPARFI01474])	Yes (09/19/2014 RAI Response [EPARFI01527]; 7/31/2014 Form 2F Supplemental Information [EPARFI01474])	n/a (pending)	See documents primarily relied upon	7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARFI01447-01491]; 09/19/2014 RAI Response [EPARFI01492-01535]

Belews Creek  
Response to 7/31/2014 RFI  
Question #4

Facility	Description	(a) Dates and Duration of Releases to Surface Water after January 1, 2009	(b) LATITUDE	(b) LONGITUDE	(c) Did release occur during non-storm events	(d) Did Duke identify the constituents and source of release	(e) Did Duke seek industrial and/or stormwater permit coverage under NPDES for release. If not, why not?	(f) If permit coverage was sought but was not issued by NCDENR, did NCDENR provide explanation as to why? What was Duke's response to not obtaining permit coverage?	(g) Persons Primarily Consulted	(h) Documents Primarily Relied Upon
Belews Creek	Drainage Area 25	This location is a stormwater Drainage Area, releases occur during rain events (09/19/2014 RAI Response [EPARFI01529-01530]; 7/31/2014 Form 2F Supplemental Information [EPARFI01476-01477])	36.279	-80.057	No	Yes (09/19/2014 RAI Response [EPARFI01529-01530]; 7/31/2014 Form 2F Supplemental Information [EPARFI01476-01477])	Yes (09/19/2014 RAI Response [EPARFI01529-01530]; 7/31/2014 Form 2F Supplemental Information [EPARFI01476-01477])	n/a (pending)	See documents primarily relied upon	7/31/2014 Belews Creek Steam Station Stormwater Discharge Permit Application [EPARFI01447-01491]; 09/19/2014 RAI Response [EPARFI01492-01535])
Belews Creek	Incident No. INC-00006140	09/25/2009	Unknown	Unknown	Yes	Yes (2009 Duke Energy Water Release Data Spreadsheet Incident No. INC-00006140)	No	n/a	Jennifer Garwood	Incident No. INC-00006140; 9/29/2009 Correspondence to DENR [EPARFI03486-88]; 5/25/2009 Agency Contact Memorandum [EPARFI03489-90]
Belews Creek	Incident No. INC-00067840	2/23/2012	Unknown	Unknown	Yes	Yes (2012 Duke Energy Water Release Data Spreadsheet Incident No. INC-00067840)	No	n/a	Jennifer Garwood	Incident No. INC-00067840; 2/23/2012 BCSS Apparent Cause Analysis Form [EPARFI03491-98]
Belews Creek	Incident No. INC-000067840	4/29/2012	Unknown	Unknown	Yes	Yes (2012 Duke Energy Water Release Data Spreadsheet Incident No. INC-000067840)	No	n/a	Jennifer Garwood	Incident No. INC-000067840; BCSS Apparent Cause Analysis Form [EPARFI03499-3503]
Belews Creek	Incident No. INC-00089196	1/16/2013	Unknown	Unknown	Yes	Yes (2013 Duke Energy Water Release Data Spreadsheet Incident No. INC-00089196)	No	n/a	Jennifer Garwood	Incident No. INC-00089196 [EPARFI03504-05]
Belews Creek	Incident No. INC-00090164	1/29/2013	Unknown	Unknown	Yes	Yes (2013 Duke Energy Water Release Data Spreadsheet Incident No. INC-00090164)	No	n/a	Jennifer Garwood	Incident No. INC-00090164 [EPARFI03506-08]
Belews Creek	Incident No. INC-00109581	11/26/2013	Unknown	Unknown	Yes	Yes (2013 Duke Energy Water Release Data Spreadsheet Incident No. INC-00109581)	No	n/a	Jennifer Garwood	Incident No. INC-00109581; BCSS Apparent Cause Analysis Form [EPARFI03511]
Belews Creek	Incident No. INC-00121704	6/3/2014	Unknown	Unknown	Yes	Yes (2014 Duke Energy Water Release Data Spreadsheet Incident No. INC-00121704)	No	n/a	Jennifer Garwood	Incident No. INC-00121704; Apparent Cause Report [EPARFI03509-510]
Belews Creek	Incident No. INC-00124322	7/24/2014	Unknown	Unknown	Yes	Yes (2014 Duke Energy Water Release Data Spreadsheet Incident No. INC-00124322)	No	n/a	Jennifer Garwood	Incident No. INC-00124322 [EPARFI03512]

[illegible]

[illegible]

Cape Fear  
 Response to 7/31/2014 RH  
 Question #4

Facility	Date and Duration of Release to Surface Water after January 1, 2002	LATITUDE	LONGITUDE	Did release occur during non-storm events	Did Duke identify the constituents and source of release	Did Duke seek industrial and/or stormwater permit coverage under NPDES for release, if not, why not?	If permit coverage was sought but was not issued by NCDEM, did NCDEM provide explanation as to why? Why was Duke's response to not obtaining permit coverage?	Persons with knowledge	Documents Relied Upon
Cape Fear	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A





Cliffside  
Response to 7/31/2014 RFI  
Question #3

EPA Ex. C Line Item	Facility	Facility NPDES	Interest Number	LATITUDE	LONGITUDE	a. After Jan 1, 2009, when did Duke Energy identify any release of liquid from these locations? Provide dates and durations of any such release.	b. Did any of these releases occur during non-storm events?	c. Did Duke Energy identify the constituents and source of such release(s)?	d. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such release(s)? If not, why?	e. If permit coverage was sought for any such release(s) but was not issued by NCDENR, did NCDENR provide an explanation as to why? What was Duke Energy's response to not obtaining permit coverage?	Persons Primarily Consulted	Documents Primarily Relied Upon
174	Cliffside	NC0005088	CLFWQ Station003	35.216870	-81.769457	This is stormwater outfall 009 identified in July 2014 Stormwater Permit Form 2F Supp. Info. (EPARFI01966 and EPARFI01977), and in 2010 NPDES Permit Renewal Form 2F at EPARFI01739 and EPARFI01745	Yes. See SW009 in July 2014 Stormwater Permit Form 2F Supp. Info. (EPARFI01966 and EPARFI01977) and in 2010 NPDES Permit Renewal Form 2F at EPARFI01739 and EPARFI01745. non-stormwater low flow discharge from 009 is from a perennial stream	Yes. See July 2014 Stormwater App. Supp. Info. (EPARFI01966 and EPARFI01977), and August 25, 2014 Stormwater Data Submittal to DENR at Appendix C for SW009 (EPARFI01991)	Identified as SW009 in July 2014 Stormwater Permit Form 2F Supp. Info. (EPARFI01966 and EPARFI01977), and in 2010 NPDES Permit Renewal Form 2F at EPARFI01739 and EPARFI01745	pending	Steve Hodges	July 2014 Stormwater Permit Form 2F Supp. Info. (EPARFI01966 and EPARFI01977); 2010 NPDES Permit Renewal Form 2F at EPARFI01739 and EPARFI01745; and August 25, 2014 Stormwater Data Submittal to DENR at Appendix C for SW009 (EPARFI01991)
175	Cliffside	NC0005088	CLFWQ Station004	35.217092	-81.768679	This location is in the area identified by Duke as S-2 in its July 2014 NPDES Permit Modification, Table 1 (EPARFI01838) and Fig. 1 (EPARFI01847). This area was also identified by Duke in a November 2010 Power Point Presentation to NCDENR (Photo at Old #5 Ash basin at EPARFI01758-59); see also Jan. 2003 NPDES Permit Supp. Info. at EPARFI01573 regarding toe drains	Yes according to July 2014 NPDES Permit Modification described as S-2, Table 1 (EPARFI01838)	Constituents, Yes. July 2014 NPDES Permit Modification Appendix A - S-2 (EPARFI01842)	Yes. July 2014 NPDES Permit Modification described as S-2 (EPARFI01838)	Pending	Steve Hodges	July 2014 NPDES Permit Modification describing S-2 (EPARFI01838); November 2010 Power Point presentation to NCDENR regarding Cliffside (EPARFI01758-59); see also Jan. 2003 NPDES Permit Supp. Info. at EPARFI01573 regarding toe drains
176	Cliffside	NC0005088	CLFSP012	35.216637	-81.768879	This location is in the area identified by Duke as S-2 in its July 2014 NPDES Permit Modification, Table 1 (EPARFI01838) and Fig. 1 (EPARFI01847). This area was also identified by Duke in a November 2010 Power Point Presentation to NCDENR (Photo at Old #5 Ash basin at EPARFI01758-59); see also Jan. 2003 NPDES Permit Supp. Info. at EPARFI01573 regarding toe drains	Yes according to July 2014 NPDES Permit Modification described as S-2, Table 1 (EPARFI01838)	Constituents of S-2, Yes. July 2014 NPDES Permit Modification Appendix A - S-2 (EPARFI01842)	Yes, it is in the area of the July 2014 NPDES Permit Modification described as S-2 (EPARFI01838)	Pending	Steve Hodges	July 2014 NPDES Permit Modification describing S-2 (EPARFI01838); November 2010 Duke presentation to NCDENR regarding Cliffside (EPARFI01758-59); see also Jan. 2003 NPDES Permit Supp. Info. at EPARFI01573 regarding toe drains
177	Cliffside	NC0005088	CLFSP013	35.216416	-81.769068	This location is in the area identified by Duke as S-2 in its July 2014 NPDES Permit Modification, Table 1 (EPARFI01838) and Fig. 1 (EPARFI01847). This also appears to be in vicinity identified by Duke in 11/10 powerpoint to NCDENR (Photo at Old #5 Ash basin at EPARFI01758-59)	Yes according to July 2014 NPDES Permit Modification described as S-2, Table 1 (EPARFI01838)	Constituents of S-2, Yes. July 2014 NPDES Permit Modification Appendix A - S-2 (EPARFI01842)	Yes, it is in the area of the July 2014 NPDES Permit Modification described as S-2 (EPARFI01838)	Pending	Steve Hodges	July 2014 NPDES Permit Modification describing S-2 (EPARFI01838); November 2010 Duke presentation to NCDENR regarding Cliffside (EPARFI01758-59)

Cliffside  
Response to 7/31/2014 RFI  
Question #3

EPA EC C Line Item	Facility	Facility NPDES	Interest Number	LATITUDE	LONGITUDE	a. After Jan 1, 2009, when did Duke Energy identify any release of liquid from these locations? Provide dates and durations of any such release.	b. Did any of these releases occur during non-storm events?	c. Did Duke Energy identify the constituents and source of such release(s)?	d. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such release(s)? If not, why?	e. If permit coverage was sought for any such release(s) but was not issued by NCDENR, did NCDENR provide an explanation as to why? What was Duke Energy's response to not obtaining permit coverage?	Persons Primarily Consulted	Documents Primarily Relied Upon
178	Cliffside	NC0005088	CLFSP014	35.216463	-81.768507	This location is in the area identified by Duke as S-2 in its July 2014 NPDES Permit Modification, Table 1 (EPARFI01838) and Fig. 1 (EPARFI01847). This also appears to be in vicinity identified by Duke in 11/10 powerpoint to NCDENR (Photo at Old #5 Ash basin at EPARFI01758-59)	Yes according to July 2014 NPDES Permit Modification described as S-2, Table 1 (EPARFI01838)	Constituents of S-2, Yes. July 2014 NPDES Permit Modification Appendix A - S-2 (EPARFI01842)	Yes, it is in the area of the July 2014 NPDES Permit Modification described as S-2 (EPARFI01838)	Pending	Steve Hodges	July 2014 NPDES Permit Modification describing S-2 (EPARFI01838); November 2010 Duke presentation to NCDENR regarding Cliffside (EPARFI01758-59)
179	Cliffside	NC0005088	CLFWQ Station005	35.216532	-81.768628	This location is in the area identified by Duke as S-2 in its July 2014 NPDES Permit Modification, Table 1 (EPARFI01838) and Fig. 1 (EPARFI01847). This also appears to be in vicinity identified by Duke in 11/10 powerpoint to NCDENR (Photo at Old #5 Ash basin at EPARFI01758-59)	Yes according to July 2014 NPDES Permit Modification described as S-2, Table 1 (EPARFI01838)	Constituents of S-2, Yes. July 2014 NPDES Permit Modification Appendix A - S-2 (EPARFI01842)	Yes, it is in the area of the July 2014 NPDES Permit Modification described as S-2 (EPARFI01838)	Pending	Steve Hodges	July 2014 NPDES Permit Modification describing S-2 (EPARFI01838); November 2010 Duke presentation to NCDENR regarding Cliffside (EPARFI01758-59)
180	Cliffside	NC0005088	CLFSW027	35.202255	-81.775916	No release identified. This location appears to be the sediment basin that drains through CMPs beneath railroad tracks and into Suck Creek. See CMPs identified in Landfill Drainage Area in 2014 NPDES Stormwater Permit Form 2F Supp. Info (EPARFI01971)	no.	n/a. But see 2014 NPDES Stormwater Permit Form 2F Supp. Info at EPARFI01971 and Aug. 25 2014 stormwater data submittal to DENR, Appendix C for Landfill Drainage CMPs (EPARFI01990-91)	No, but this appears to be the basin located in the Landfill Drainage Area which was submitted for coverage in the July 2014 Stormwater Permit Form 2F App Supp. Info at EPARFI01971	n/a. Coverage for landfill drainage area pending in July 2014 Stormwater App. Supp. Info (EPARFI01971)	Steve Hodges	2014 NPDES Stormwater Permit Form 2F Supp. Info at EPARFI01971 and Aug 25 2014 stormwater data submittal to DENR, Appendix C for Landfill Drainage CMPs (EPARFI01990-91)
181	Cliffside	NC0005088	CLFSW030	35.204173	-81.764308	This was identified as SW016 in the July 2014 Stormwater Permit App. Supp. Info. for Drainage Area 16 or Outfall SW 16 (24" CMP) and Site Plan (EPARFI01968; 1979)	No. July 2014 Stormwater Permit App. Supp. Info. for Drainage Area 16 or Outfall SW 16 (24" CMP) (EPARFI01968)	See July 14 Stormwater Permit App. Supp. Info. for Drainage Area 16 or Outfall SW16 (EPARFI01968) and August 25, 2014 Stormwater data submittal to DENR - Appendix C for Drainage Area 16 - the 24" CMP (EPARFI01991)	Yes. July 2014 Stormwater Permit App Supp. Info. for Drainage Area 16 or Outfall SW16 (EPARFI01968)	pending for Drainage area 16	Steve Hodges	July 14 Stormwater Permit App. Supp. Info. for Drainage Area 16 or Outfall SW16 (EPARFI01968) and August 25, 2014 Stormwater data submittal to DENR - Appendix C for Drainage Area 16 - the 24" CMP (EPARFI01991)

Cliffside  
Response to 7/31/2014 RFI  
Question #3

EPA Ex. C Line Item	Facility	Facility NPDES	Interest Number	LATITUDE	LONGITUDE	1. After Jan 1, 2009, when did Duke Energy identify any release of liquid from these locations? Provide P, start and duration of any such release.	2. Did any of these releases occur during non-storm events?	3. Did Duke Energy identify the constituents and source of such releases?	4. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such releases? If not, why?	5. If permit coverage was sought for any such releases but was not issued by NCDENR, did NCDENR provide an explanation as to why? What was Duke Energy's response to not obtaining permit coverage?	Persons Primarily Consulted	Documents Primarily Relied Upon
182	Cliffside	NC0005088	CLFSW031	35.204530	-81.763435	This was identified as SW016 in the July 2014 Stormwater Permit App. Supp. Info. for Drainage Area 16 or Outfall SW 16 (42" CMP) and Site Plan (EPARFIO1968; 1979)	No. July 2014 Stormwater Permit App. Supp. Info. for Drainage Area 16 or Outfall SW 16 (42" CMP) (EPARFIO1968)	See July 14 Stormwater Permit App. Supp. Info. for Drainage Area 16 or Outfall SW16 (EPARFIO1968) and August 25, 2014 Stormwater data submittal to DENR - Appendix C for Drainage Area 16 - the 42" CMP (EPARFIO1990)	Yes. This is a 42" CMP associated with Drainage area 16 described in July 2014 Stormwater Permit App Supp. Info (EPARFIO1968)	pending for Drainage area 16	Steve Hodges	July 14 Stormwater Permit App. Supp. Info. for Drainage Area 16 or Outfall SW16 (EPARFIO1968) and August 25, 2014 Stormwater data submittal to DENR - Appendix C for Drainage Area 16 - the 42" CMP (EPARFIO1990)
183	Cliffside	NC0005088	CLFSW032	35.205077	-81.761921	This was identified as SW016 in the July 2014 Stormwater Permit App. Supp. Info. for Drainage Area 16 or Outfall SW 16 (30" CMP) and Site Plan (EPARFIO1968; 1979)	No. July 2014 Stormwater Permit App. Supp. Info. for Drainage Area 16 or Outfall SW 16 (30" CMP) (EPARFIO1968)	See July 14 Stormwater Permit App. Supp. Info. for Drainage Area 16 or Outfall SW16 (EPARFIO1968) and August 25, 2014 Stormwater data submittal to DENR - Appendix C for Drainage Area 16 - the 30" CMP (EPARFIO1991)	Yes. This is a 30" CMP associated with Drainage area 16 described in July 2014 Stormwater Permit App Supp. Info (EPARFIO1968)	pending for Drainage area 16	Steve Hodges	July 14 Stormwater Permit App. Supp. Info. for Drainage Area 16 or Outfall SW16 (EPARFIO1968) and August 25, 2014 Stormwater data submittal to DENR - Appendix C for Drainage Area 16 - the 30" CMP (EPARFIO1991)
184	Cliffside	NC0005088	CLFOS033	35.207879	-81.757475	No release identified. This location appears to be a stormwater basin in Drainage Area 11 and any overflow drains to a 30" CMP (SW011) and empties to Suck Creek. July 2014 Stormwater Permit App Supp. Info. (EPARFIO1967) and Site Plan (EPARFIO1979)	No. See July 2014 Stormwater Permit App Supp. Info. (EPARFIO1967)	n/a	n/a. This stormwater basin is in Drainage Area 11 that has Outfall SW011 that Duke is seeking a stormwater permit coverage for in July 2014 Stormwater Permit Application Supp. Info. (EPARFIO1967); see also 2010 NPDES Permit Renewal Form 2F Supp. Info. for SW 011 (EPARFIO1740)	n/a	Steve Hodges	July 2014 Stormwater Permit App Supp. Info. for SW011 (EPARFIO1967) and Site Plan (EPARFIO1979); 2010 NPDES Permit Renewal Form 2F Supp. Info. for SW 011 (EPARFIO1740)
185	Cliffside	NC0005088	CLFOS035	35.212637	-81.757170	This is Outfall SW012 identified in July 2014 Stormwater Permit Supp. Info (EPARFIO1967) and Site Plan (EPARFIO1979); see also 2010 NPDES Permit Renewal Supp. Info for SW012 (EPARFIO1740)	No. See Outfall SW012 described in July 2014 Stormwater Permit Supp. Info (EPARFIO1967); see also 2010 NPDES Permit Renewal Supp. Info for SW012 (EPARFIO1740)	Yes. July 2014 Stormwater Permit Supp. Info (EPARFIO1967) and August 25, 2014 Stormwater data submittal to DENR in Appendix C for SW012 (EPARFIO1991)	Yes. Outfall SW012 identified in July 2014 Stormwater Permit Supp. Info (EPARFIO1967) and Site Plan (EPARFIO1979); see also 2010 NPDES Permit Renewal Supp. Info for SW012 (EPARFIO1740)	pending	Steve Hodges	Yes. Outfall SW012 identified in July 2014 Stormwater Permit Supp. Info (EPARFIO1967) and Site Plan (EPARFIO1979); see also 2010 NPDES Permit Renewal Supp. Info for SW012 (EPARFIO1740); and August 25, 2014 Stormwater data submittal to DENR in Appendix C for SW012 (EPARFIO1991)

Cliffside  
Response to 7/31/2014 RFI  
Question #3

EPA Ex. C Line Item	Facility	Facility NPDES	Interest Number	LATITUDE	LONGITUDE	a. After Jan 1, 2009, when did Duke Energy identify any release of liquid from these locations? Provide dates and durations of any such release.	b. Did any of these releases occur during non-storm events?	c. Did Duke Energy identify the constituents and source of such releases?	d. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such releases? If not, why?	e. If permit coverage was sought for any such releases but was not issued by NCDENR, did NCDENR provide an explanation as to why? What was Duke Energy's response to not obtaining permit coverage?	Persons Primarily Consulted	Documents Primarily Relied Upon
186	Cliffside	NC0005088	CLFSP037	35.213207	-81.758066	No release identified. Duke did not identify this particular location in its 2014 NPDES Permit Modification, Seep Report (EPARFI01831-47). But this location is in Drainage Area 12 with outfall SW12 that Duke sought coverage for in July 2014 Stormwater Permit Form 2F Supp. Info (EPARFI01967); see also 2010 NPDES Permit Renewal Form 2F Supp. Info. for SW12 (EPARFI01740).	n/a	n/a	No. But this location is in Drainage Area 12 with outfall SW12 that Duke sought coverage for in July 2014 Stormwater Permit Form 2F Supp. Info (EPARFI01967); see also 2010 NPDES Permit Renewal Form 2F Supp. Info. for SW12 (EPARFI01740).	n/a	Steve Hodges	July 2014 Stormwater Permit Form 2F Supp. Info (EPARFI01967); see also 2010 NPDES Permit Renewal Form 2F Supp. Info. for SW12 (EPARFI01740); July 2014 NPDES Permit Modification, Seep Report (EPARFI01831-1847)
187	Cliffside	NC0005088	CLFSP038	35.213042	-81.757590	No release identified. Duke did not identify this particular location in its 2014 NPDES Permit Modification, Seep Report (EPARFI01831-47). But this location is in Drainage Area 12 with outfall SW12 that Duke sought coverage for in July 2014 Stormwater Permit Form 2F Supp. Info (EPARFI01967); see also 2010 NPDES Permit Renewal Form 2F Supp. Info. for SW12 (EPARFI01740).	n/a	n/a	No. But this location is in Drainage Area 12 with outfall SW12 that Duke sought coverage for in July 2014 Stormwater Permit Form 2F Supp. Info (EPARFI01967); see also 2010 NPDES Permit Renewal Form 2F Supp. Info. for SW12 (EPARFI01740).	n/a	Steve Hodges	July 2014 Stormwater Permit Form 2F Supp. Info (EPARFI01967); see also 2010 NPDES Permit Renewal Form 2F Supp. Info. for SW12 (EPARFI01740); July 2014 NPDES Permit Modification, Seep Report (EPARFI01831-1847)
188	Cliffside	NC0005088	CLFSEEPASHBASIN1-4A	35.219288	-81.756444	This location is in an area with metal engineered drains. Duke identified S-10 and S-11 as representative sampling points for this area. July 2014 NPDES Permit Modification (EPARFI01834 and Table 1 (EPARFI01838-39); See also 2010 NPDES Permit Renewal Supp. Info. regarding toe drains (EPARFI01726).	yes. July 2014 NPDES Permit Modification describing S-10 and S-11 (EPARFI01834) and Table 1 (EPARFI01838-39)	Constituents, yes. July 2014 NPDES Permit Modification Appendix A S-10 and S-11 analytical results (EPARFI01842)	Yes - S-10 and S-11 in July 2014 NPDES Permit Modification is representative of this location. (EPARFI01831-EPARFI01847)	pending	Steve Hodges	July 2014 Permit Modification for S-10 and S-11 (EPARFI01831-EPARFI01847); See also 2010 NPDES Permit Renewal Supp. Info. regarding toe drains (EPARFI01726)
189	Cliffside	NC0005088	CLFSEEPASHBASIN1-4B	35.219374	-81.756482	This location is in an area with metal engineered drains. Duke identified S-10 and S-11 as representative sampling points for this area. July 2014 NPDES Permit Modification (EPARFI01834 and Table 1 (EPARFI01838-39); See also 2010 NPDES Permit Renewal Supp. Info. regarding toe drains (EPARFI01726).	yes. July 2014 NPDES Permit Modification describing S-10 and S-11 (EPARFI01834) and Table 1 (EPARFI01838-39)	Constituents, yes. July 2014 NPDES Permit Modification Appendix A S-10 and S-11 analytical results (EPARFI01842)	Yes - S-10 and S-11 in July 2014 NPDES Permit Modification is representative of this location. (EPARFI01831-EPARFI01847)	Pending	Steve Hodges	July 2014 Permit Modification for S-10 and S-11 (EPARFI01831-EPARFI01847); See also 2010 NPDES Permit Renewal Supp. Info. regarding toe drains (EPARFI01726)

Cliffside  
Response to 7/31/2014 RFI  
Question #3

EPA EA C Line Item	Facility	Facility NPDES	Interest Number	LATITUDE	LONGITUDE	6. After Jan 1, 2009, when did Duke Energy identify any release of liquid from these locations? Provide dates and durations of any such releases.	7. Did any of these releases occur during non-storm events?	8. Did Duke Energy identify the constituents and source of such releases?	9. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such releases? If not, why?	10. If permit coverage was sought for any such releases, but was not obtained by NCDENR, did NCDENR provide an explanation as to why? What was Duke Energy's response to not obtaining permit coverage?	Persons Primarily Consulted	Documents Primarily Relied Upon
190	Cliffside	NC0005088	CLFSPOS1	35.219461	-81.756725	This location is in an area with metal engineered drains. Duke identified S-10 and S-11 as representative sampling points for this area. July 2014 NPDES Permit Modification (EPARFI01834 and Table 1 (EPARFI01838-39); See also 2010 NPDES Permit Renewal Supp. Info. regarding toe drains (EPARFI01726)	Yes. July 2014 NPDES Permit Modification describing S-10 and S-11 (EPARFI01834) and Table 1 (EPARFI01838-39)	Constituents, yes. July 2014 NPDES Permit Modification Appendix A S-10 and S-11 analytical results (EPARFI01842)	Yes - S-10 and S-11 in July 2014 NPDES Permit Modification is representative of this location. (EPARFI01831-EPARFI01847)	pending	Steve Hodges	July 2014 Permit Modification for S-10 and S-11 (EPARFI01831-EPARFI01847); See also 2010 NPDES Permit Renewal Supp. Info. regarding toe drains (EPARFI01726)
191	Cliffside	NC0005088	CLFT0052	35.219446	-81.756744	This location is in an area with metal engineered drains. Duke identified S-10 and S-11 as representative sampling points for this area. July 2014 NPDES Permit Modification (EPARFI01834 and Table 1 (EPARFI01838-39); See also 2010 NPDES Permit Renewal Supp. Info. regarding toe drains (EPARFI01726)	Yes. July 2014 NPDES Permit Modification describing S-10 and S-11 (EPARFI01834) and Table 1 (EPARFI01838-39)	Constituents, yes. July 2014 NPDES Permit Modification Appendix A S-10 and S-11 analytical results (EPARFI01842)	Yes - S-10 and S-11 in July 2014 NPDES Permit Modification is representative of this location. (EPARFI01831-EPARFI01847)	Pending	Steve Hodges	July 2014 Permit Modification for S-10 and S-11 (EPARFI01831-EPARFI01847); See also 2010 NPDES Permit Renewal Supp. Info. regarding toe drains (EPARFI01726)
192	Cliffside	NC0005088	CLSEEPASHBASIN1-48	35.219425	-81.756708	This location is in an area with metal engineered drains. Duke identified S-10 and S-11 as representative sampling points for this area. July 2014 NPDES Permit Modification (EPARFI01834 and Table 1 (EPARFI01838-39); See also 2010 NPDES Permit Renewal Supp. Info. regarding toe drains (EPARFI01726)	Yes. July 2014 NPDES Permit Modification describing S-10 and S-11 (EPARFI01834) and Table 1 (EPARFI01838-39)	Constituents, yes. July 2014 NPDES Permit Modification Appendix A S-10 and S-11 analytical results (EPARFI01842)	Yes - S-10 and S-11 in July 2014 NPDES Permit Modification is representative of this location. (EPARFI01831-EPARFI01847)	Pending	Steve Hodges	July 2014 Permit Modification for S-10 and S-11 (EPARFI01831-EPARFI01847); See also 2010 NPDES Permit Renewal Supp. Info. regarding toe drains (EPARFI01726)
193	Cliffside	NC0005088	CLFSTR053POS6	35.219999	-81.757755	This is identified as S-3 in July 2014 NPDES Permit Modification (EPARFI01831-EPARFI01847); also appears to be near SW005 July 2014 Stormwater Permit Supp. Info. for Outfall SW005 (EPARFI01965 & EPARFI01977); see also 2010 NPDES Permit Renewal Supp. Info. for Outfall SW005 (EPARFI01738)	Yes. July 2014 NPDES Permit Modification (EPARFI01831-EPARFI01847); see also July 2014 Stormwater Permit Supp. Info. for Outfall SW005 (EPARFI01965 & EPARFI01977); see also 2010 NPDES Permit Renewal Supp. Info. for Outfall SW005 (EPARFI01738)	Constituents, Yes. July 2014 NPDES Permit Modification Appendix A - S-3 (EPARFI01842); see also Aug. 25, 2014 Stormwater data submittal to NCDENR for SW005 Appendix C (EPARFI01990)	Yes - S-3 is in July 2014 NPDES Permit Modification (EPARFI01831-EPARFI01847); see also July 2014 Stormwater Permit Application (EPARFI01952-79) for Outfall SW005 (EPARFI01965 & EPARFI01977); see also 2010 NPDES Permit Renewal Supp. Info. for Outfall SW005 (EPARFI01738)	Pending	Steve Hodges	Yes - S-3 is in July 2014 NPDES Permit Modification (EPARFI01831-EPARFI01847); see also July 2014 Stormwater Permit Application (EPARFI01952-79) for Outfall SW005 (EPARFI01965 & EPARFI01977); see also 2010 NPDES Permit Renewal Supp. Info. for Outfall SW005 (EPARFI01738); Aug. 25, 2014 Stormwater data submittal to NCDENR for SW005 Appendix C (EPARFI01990)

Cliffside  
Response to 7/31/2014 RFI  
Question #3

EPA Ex. C Line Item	Facility	Facility NPDES	Interest Number	LATITUDE	LONGITUDE	a. After Jan 1, 2005, when did Duke Energy identify any release of liquid from these locations? Provide dates and durations of any such releases.	b. Did any of these releases occur during non-storm events?	c. Did Duke Energy identify the constituents and source of such releases?	d. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such releases? If not, why?	e. If permit coverage was sought for any such release(s) but was not issued by NCDENR, did NCDENR provide an explanation as to why? What was Duke Energy's response to not obtaining permit coverage?	Persons Primarily Consulted	Documents Primarily Relied Upon
194	Cliffside	NC0005088	CLFCVTSW003	35 218433	-81.765696	This was identified as Stormwater Outfall 003 (36" CMP) in 2010 NPDES Permit Renewal Form 2F Supp. Info (EPARFI01737) with some non stormwater discharge to 003 from groundwater due to natural springs (EPARFI01745). This pipe was later grouted but per 2014 NPDES Stormwater Permit 2F Supp. Info there is some non-stormwater discharges at Outfall 003 believed to be due to groundwater infiltration (EPARFI01977). See also 9/18/14 Duke Responses to Additional Information Requests (EPARFI01994); see also 2003 NPDES Permit Supp. Info. regarding general stormwater (EPARFI01571)	Yes. See 2014 NPDES Stormwater Permit 2F Supp. Info regarding Stormwater Outfall 003 (at EPARFI01977) and 9/18/14 Duke Responses to Additional Information Requests (EPARFI01994)	See Stormwater Outfall 003 (36" CMP) in 2010 NPDES Permit Renewal Form 2F Supp. Info (EPARFI01737) with some non stormwater discharge to 003 from groundwater due to natural springs (EPARFI01745). This pipe was later grouted but per 2014 NPDES Stormwater Permit 2F Supp. Info. there is some non-stormwater discharges at Outfall 003 believed to be due to groundwater infiltration (EPARFI01977). See also 9/18/14 Duke Responses to Additional Information Requests (EPARFI01994)	Yes in 2010 NPDES Stormwater Permit Form 2F at EPARFI01737 and discussed in 2014 Stormwater Application Form F Supp. Info at EPARFI01977	n/a	Steve Hodges	2010 NPDES Stormwater Application Form 2F and Supp. Info at EPARFI01737 and EPARFI01745; and 2014 Stormwater Application EPARFI01952 -79; 9/18/2014 Duke Responses to Additional Information Requests (EPARFI01994)
195	Cliffside	NC0005088	CLFCVT054	35 217094	-81.769280	No release. Based on the interest number this is NPDES Permitted Outfall 002A Emergency Overflow (also known as SW007) that has been permitted since Jan. 2005; however, the EPA coordinates are wrong. 2014 NPDES Stormwater App. Form 2F Supp Info. (EPARFI01963; 1969); 3/1/11 NPDES Permit for outfall 002A at EPARFI01766; 2010 NPDES Permit App. for outfall 002A and Stormwater App Form 2F and Supp. Info. at EPARFI01731 and 1738; 9/3/07 NPDES Permit at EPARFI01665 for Outfall 002A.	n/a	n/a but see description for NPDES Permitted Outfall 002A Emergency Overflow (also known as SW007) 2014 NPDES Stormwater App. Form 2F Supp Info. (EPARFI01963; 1969); 2010 NPDES Permit App. for outfall 002A and Stormwater App Form 2F and Supp. Info. at EPARFI01731 and 1738	Yes, this is NPDES Permitted Outfall 002A Emergency Overflow [also known as SW007] 2014 NPDES Stormwater App. Form 2F Supp Info. (EPARFI01963; 1969); 2010 NPDES Permit App. for outfall 002A and Stormwater App Form 2F and Supp. Info. at EPARFI01731 and 1738	n/a	Steve Hodges	2014 NPDES Stormwater App. Form 2F Supp Info. (EPARFI01963; 1969); 3/1/11 NPDES Permit for outfall 002A at EPARFI01766; 2010 NPDES Permit App. for outfall 002A and Stormwater App Form 2F and Supp. Info. at EPARFI01731 and 1738; 9/1/07 NPDES Permit at EPARFI01665 for Outfall 002A;

Cliffside  
Response to 7/31/2014 RFI  
Question #3

EPA's C Line Item	Facility	Facility NPDES	Interest Number	LATITUDE	LONGITUDE	a. After Jan 1, 2009, when did Duke Energy identify any release of liquid from these locations. Provide dates and durations of any such release.	b. Did any of these releases occur during non-storm events?	c. Did Duke Energy identify the constituents and source of such release(s)?	d. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such release(s)? If not, why?	e. If permit coverage was sought for any such release(s) but was not issued by NCDENR, did NCDENR provide an explanation as to why? What was Duke Energy's response to not obtaining permit coverage?	Persons Primarily Consulted	Documents Primarily Relied Upon
196	Cliffside	NC0005088	CLFTD056	35.218264	-81.748302	This is S-6 described in July 2014 NPDES Permit Modification, Table 1 (EPARFI01838) and Fig. 1 (EPARFI01847); See also, Nov. 2010 Duke Presentation to NCDENR picture of Cliffside ash basin dike at Broad River (EPARFI01758, 1760); 2010 NPDES Permit Renewal at EPARFI01726 of Supplemental Info.; 2003 NPDES Permit Renewal at EPARFI01573 of Supp. Info.	Yes July 2014 NPDES Permit Modification, Table 1 (EPARFI01838)	Constituents, yes. See analytical results for S-6 in Appendix A of July 2014 NPDES Permit Modification. EPARFI01842	Yes. This is S-6 described in July 2014 NPDES Permit Modification, Table 1 (EPARFI01838) and Fig. 1 (EPARFI01847); also discussed in 2010 NPDES Permit Renewal at EPARFI01726 of Supplemental Info.; 2003 NPDES Permit Renewal at EPARFI01573 of Supp. Info.	pending	Steve Hodges	S-6 described in July 2014 NPDES Permit Modification, Table 1 (EPARFI01838), Fig. 1 (EPARFI01847) and App. A (EPARFI01842); See also, Nov. 2010 Duke Presentation to NCDENR picture of Cliffside ash basin dike at Broad River (EPARFI01758, 1760); 2010 NPDES Permit Renewal at EPARFI01726 of Supplemental Info.; 2003 NPDES Permit Renewal at EPARFI01573 of Supp. Info.
197	Cliffside	NC0005088	CLFOS002/CLFWW057	35.218385	-81.748459	This is NPDES Permitted Outfall 002. March 2011 NPDES Permit (at EPARFI01766) ; Jan. 2010 NPDES Permit Renewal Form 2C (at EPARFI01697); Sept. 2007 NPDES Permit at EPARFI01665	Yes. This is NPDES Permitted Outfall 002. March 2011 NPDES Permit (at EPARFI01766) ; Jan. 2010 NPDES Permit Renewal Form 2C (at EPARFI01697); Sept. 2007 NPDES Permit at EPARFI01665	Yes. See Jan. 2010 NPDES Permit Renewal Form 2C (at EPARFI01697) and Supp. Info.	Yes. This is NPDES Permitted Outfall 002. March 2011 NPDES Permit (at EPARFI01766) ; Jan. 2010 NPDES Permit Renewal Form 2C (at EPARFI01697); Sept. 2007 NPDES Permit at EPARFI01665	n/a	Steve Hodges	March 2011 NPDES Permit (at EPARFI01766) ; Jan. 2010 NPDES Permit Renewal Form 2C (at EPARFI01697); Sept. 2007 NPDES Permit at EPARFI01665
198	Cliffside	NC0005088	CLFSP058	35.218084	-81.749540	This is in area by S-5 which is identified in July 2014 NPDES Permit Modification, Seep Report, S-5 (EPARFI01831-EPARFI01847)	Yes. July 2014 NPDES Permit Modification describing S-5, Table 1 (EPARFI01838)	Constituents, yes. See July 2014 NPDES Permit Modification Appendix A analytical for S-5 (EPARFI01842)	Yes, see S-5 in the July 2014 NPDES Permit Modification, Seep Report (EPARFI01831-EPARFI01847)	pending	Steve Hodges	July 2014 NPDES Permit Modification describing S-5 (EPARFI01831-EPARFI01847)
199	Cliffside	NC0005088	CLFSP059	35.217633	-81.751867	It appears to be near S-4 identified in Duke's 2014 NPDES Permit Modification, Seep Report (EPARFI01831-EPARFI01847).	Yes for S-4. July 2014 NPDES Permit Modification, Seep Report, Table 1 (EPARFI01838)	See July 2014 NPDES Permit Modification Appendix A analytical for S-4 (EPARFI01842)	For S-4 in Table 1 of the July 2014 NPDES Permit Modification, Seep Report (EPARFI01831-EPARFI01847)	See July 2014 NPDES Permit Modification for S-4 which is pending	Steve Hodges	July 2014 NPDES Permit Modification Seep Report and describing S-4 (EPARFI01831-EPARFI01847)
200	Cliffside	NC0005088	CLFSEEP	35.217601	-81.752173	It appears to be near S-4 identified in Duke's 2014 NPDES Permit Modification, Seep Report (EPARFI01831-EPARFI01847).	Yes for S-4. July 2014 NPDES Permit Modification, Seep Report, Table 1 (EPARFI01838)	See July 2014 NPDES Permit Modification Appendix A analytical for S-4 (EPARFI01842)	For S-4 in Table 1 of the July 2014 NPDES Permit Modification, Seep Report (EPARFI01831-EPARFI01847)	See July 2014 NPDES Permit Modification for S-4 which is pending	Steve Hodges	July 2014 NPDES Permit Modification Seep Report and describing S-4 (EPARFI01831-EPARFI01847)
201	Cliffside	NC0005088	CLFSP060	35.217584	-81.752588	This appears to be S-4 identified in Duke's 2014 NPDES Permit Modification, Seep Report (EPARFI01831-EPARFI01847).	Yes. July 2014 NPDES Permit Modification, Seep Report, Table 1 for S-4 (EPARFI01838)	Constituents, yes. See July 2014 NPDES Permit Modification Appendix A analytical for S-4 (EPARFI01842)	Yes. July 2014 NPDES Permit Modification described as S-4 (EPARFI01831-EPARFI01847)	pending	Steve Hodges	July 2014 NPDES Permit Modification describing S-4 (EPARFI01831-EPARFI01847)
202	Cliffside	NC0005088	CLFSP061	35.214710	-81.756009	This location does not appear to be identified as a seep in Duke's July 2014 NPDES Permit Modification, Seep Report (EPARFI01831-EPARFI01847).	No	No.	No.	n/a	Steve Hodges	Not identified in July 2014 NPDES Permit Modification, Seep Report (EPARFI01831-EPARFI01847)

Cliffside  
Response to 7/31/2014 RFI  
Question #3

EPA C. C. Line Item	Facility	Facility NPDES	Interest Number	LATITUDE	LONGITUDE	a. After Jan 1, 2009, when did Duke Energy identify any release of liquid from these locations? Provide dates and durations of any such releases.	b. Did any of these releases occur during non-storm events?	c. Did Duke Energy identify the constituents and source of such releases?	d. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such releases? If not, why?	e. If permit coverage was sought for any such releases but was not issued by NC DENR, did NC DENR provide an explanation as to why? What was Duke Energy's response to not obtaining permit coverage?	Persons Primarily Consulted	Documents Primarily Relied Upon
203	Cliffside	NC0005088	CLO05039	35.210925	-81.772038	No release. This appears to be sedimentation basin (SB-7) in "laydown area #2" described in 2014 NPDES Stormwater App. Supp. Info. (EPARFI01971) and Site Plan (EPARFI01979). Stormwater runoff from this area is collected into SB-7 and overflow is routed through rip rap channels and conveyed to nearby stream that feeds to Broad River. See also 2010 NPDES Permit Renewal Form 2F Supp. Info. regarding Laydown #2 (EPARFI01744)	n/a	n/a	No, but Duke did seek a permit for the rip rap discharge structure where SB-7 discharges to. 2014 NPDES Stormwater App. Supp. Info. (EPARFI01971); see also 2010 Stormwater App. Supp. Info. (EPARFI01744)	coverage for "laydown area #2" is pending.	Steve Hodges	July 2014 Stormwater App. Supp. Info. (EPARFI01971) and Site Plan (EPARFI01979), and 2010 NPDES Permit Renewal Form 2F Supp. Info. (EPARFI01744)
204	Cliffside	NC0005088	CLF05046	35.208596	-81.766758	No release. This appears to be sediment basin 4 (SB-4) that collects stormwater from laydown area #1C and in the event of heavy rainfall, runoff is conveyed to another basin and ultimately through Stormwater Outfall 009. July 2014 Stormwater App. Supp. Info. (EPARFI01966) and Site Plan (EPARFI01979); Jan. 2010 NPDES Permit App. Supp. Info. for SW009 (EPARFI01739)	n/a	n/a	No. But Duke did seek a permit for SW009 which this location, sediment basin 4 (SB-4), ultimately drains to. July 2014 Stormwater App. Supp. Info. (EPARFI01966); Jan. 2010 NPDES Permit Supp. Info. at EPARFI01739	Coverage for SW009 is pending.	Steve Hodges	July 2014 Stormwater App. Supp. Info. (EPARFI01966); Jan. 2010 NPDES Permit Supp. Info. at EPARFI01739
205	Cliffside	NC0005088	CLFWQ Station010	35.211451	-81.766002	No release. This location is a pond located in drainage area 9 that drains to Sedimentation Basin 3 (SB-3) and during heavy rains, overflow is conveyed from SW 009 to Broad River. July 2014 Stormwater App Form 2F Supp. Info. (EPARFI01966) and Site Plan (EPARFI01979). See also 2010 NPDES Permit Renewal Form 2F Supp. Info. (EPARFI01739)	n/a	n/a	No, but Duke seek a permit for SW009 which the location pond ultimately drains to. July 2014 Stormwater App Form 2F Supp. Info. (EPARFI01966) and Site Plan (EPARFI01979). See also 2010 NPDES Permit Renewal Form 2F Supp. Info. (EPARFI01739)	n/a. Pending for Stormwater Outfall 009	Steve Hodges	July 2014 Stormwater App Form 2F Supp. Info. (EPARFI01966) and Site Plan (EPARFI01979). See also 2010 NPDES Permit Renewal Form 2F Supp. Info. (EPARFI01739)
206	Cliffside	NC0005088	CLFWQ Station011	35.215681	-81.770598	No release. This is sediment basin 3 (SB-3) located in drainage area 9. Stormwater runoff from the area is collected into sedimentation basins and in the event of heavy rains, overflow is conveyed to SB3. Overflow from SB-3 is conveyed from a 42 inch diameter concrete pipe(SW009) into a rock channel, and then into Broad River. July 2014 Stormwater App Form 2F Supp. Info. (EPARFI01966) and Site Plan (EPARFI01979). See also 2010 NPDES Permit Renewal Form 2F Supp. Info. (EPARFI01739)	n/a	n/a	No, but Duke submitted a permit application for SW009 in which the location, sediment basin 3 (SB-3), ultimately drains to. July 2014 Stormwater App Form 2F Supp. Info. (EPARFI01966); 2010 NPDES Permit Supp. Info. (EPARFI01739)	pending for Stormwater Outfall 009	Steve Hodges	July 2014 Stormwater App Form 2F Supp. Info. (EPARFI01966); 2010 NPDES Permit Supp. Info. (EPARFI01739)



Cliffside  
Response to 7/31/2014 RFI  
Question #3

EPA Ex. C Line Item	Facility	Facility NPDES	Intersect Number	LATITUDE	LONGITUDE	a. After Jan. 1, 2009, when did Duke Energy identify any release of liquid from these locations? Provide dates and durations of any such release.	b. Did any of these releases occur during non-storm events?	c. Did Duke Energy identify the constituents and source of such release(s)?	d. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such release(s)? If not, why?	e. If permit coverage was sought for any such release(s) but was not issued by NCDENR, did NCDENR provide an explanation as to why? What was Duke Energy's response to not obtaining such permit coverage?	Persons Primarily Consulted	Documents Primarily Relied Upon
207	Cliffside	NC0005088	CLFSTR062	35.218756	-81.767807	This is stormwater outfall SW010 which is a CMP that conveys water from a perennial stream from adjoining property, and non-contact runoff from undeveloped, non-industrial use wooded area, under switchyard to Broad River that Duke seeks to remove from permitting requirements. 9/18/14 Duke Response to Additional Information Request at EPARFI01994; July 2014 Stormwater Permit Form 2F Supp. Info. at EPARFI01970. See also 2010 NPDES Permit Renewal Form 2F Supp. Info at EPARFI01739-40 for SW010	n/a. 9/18/14 Duke Responses to Additional Information Requests at EPARFI01994; July 2014 Stormwater Permit Form 2F Supp. Info. at EPARFI01970. See also 2010 NPDES Permit Renewal Form 2F Supp. Info at EPARFI01739-40 for SW010	See 9/18/14 Duke Responses to Additional Information Requests regarding SW010 at EPARFI01994.	Yes, Duke previously sought coverage under July 2014 Stormwater Permit Form 2F Supp. Info at EPARFI01970. See also 2010 NPDES Permit Renewal Form 2F Supp. Info at EPARFI01739-40 for SW010. However, in 9/18/14 Duke Response to Additional Information Requests, Duke requests SW010 be removed from permitting requirements because the water does involve industrial activity. EPARFI01994	pending.	Steve Hodges	9/18/14 Duke Response to Additional Information Request at EPARFI01994; July 2014 Stormwater Permit Form 2F Supp. Info. at EPARFI01970. See also 2010 NPDES Permit Renewal Form 2F Supp. Info at EPARFI01739-40 for SW010
208	Cliffside	NC0005088	CLFSW00SWITCHYARDE	35.219835	-81.765176	No release. This is in drainage area 2 and stormwater flow is diverted through ditches to 18" CMP or Outfall SW002. July 2014 NPDES Stormwater App. Supp Info at EPARFI01964; 2010 NPDES Permit Renewal Form 2F Supp. Info at EPARFI01736	n/a	n/a	No, but Duke submitted a permit for Stormwater Outfall 2 in July 2014 NPDES Stormwater App. Supp Info at EPARFI01964; 2010 NPDES Permit Renewal Form 2F Supp. Info at EPARFI01736	Stormwater outfall 2 coverage is pending	Steve Hodge	July 2014 NPDES Stormwater App. Supp Info at EPARFI01964; 2010 NPDES Permit Renewal Form 2F Supp. Info at EPARFI01736
209	Cliffside	NC0005088	CLFSW001OSSWITCHYARD	35.218991	-81.767601	This is Outfall SW001 for drainage area 1 and stormwater is processed through a 30,000 gallon oil trap tank water separator and discharged through 24" CMP. July 2014 Stormwater Permit Supp. Info at EPARFI01963-64 and Site Plan (EPARFI01979); 2010 NPDES Permit Renewal Supp. Info. at EPARFI01736; see also 2003 NPDES Permit Supp. Info. regarding general stormwater (EPARFI01571)	No. See July 2014 Stormwater Permit Supp. Info at EPARFI01963-64; 2010 NPDES Permit Renewal Supp. Info. at EPARFI01736	See description of Outfall SW001 for drainage area 1. July 2014 Stormwater Permit Supp. Info EPARFI01963-64; 2010 NPDES Permit Renewal Supp. Info at EPARFI01736. See also Aug. 25, 2014 stormwater data submittal to NCDENR for SW001, Appendix C (EPARFI01990)	Yes. See for SW001 see July 2014 Stormwater Permit Supp. Info at EPARFI01963-64; 2010 NPDES Permit Renewal Supp. Info. at EPARFI01736; see also 2003 NPDES Permit Supp. Info. regarding general stormwater (EPARFI01571)	pending for SW001.	Steve Hodges	July 2014 Stormwater Permit Supp. Info EPARFI01963-64; 2010 NPDES Permit Renewal Supp. Info at EPARFI01736. See also Aug. 25, 2014 stormwater data submittal to NCDENR for SW001, Appendix C (EPARFI01990); see also 2003 NPDES Permit Supp. Info. regarding general stormwater (EPARFI01571)

Cliffside  
Response to 7/31/2014 RFI  
Question #3

EPA Ex. C Line Item	Facility	Facility NPDES	Intersect Number	LATITUDE	LONGITUDE	a. After Jan 1, 2009, when did Duke Energy identify any release of liquid from these locations. Provide dates and durations of any such releases.	b. Did any of these releases occur during non-storm events?	c. Did Duke Energy identify the constituents and source of such releases?	d. Did Duke Energy seek industrial wastewater and/or stormwater permit coverage under NPDES for any such releases? If not, why?	e. If permit coverage was sought for any such releases but was not issued by NC DENR, did NC DENR provide an explanation as to why? What was Duke Energy's response to not obtaining permit coverage?	Persons Primarily Consulted	Documents Primarily Relied Upon
210	Cliffside	NC0005088	CLFSW002OSWITCHY	35.210071	-81.765144	This is Outfall SW002 for drainage area 2 at unit 5 switchyard. July 2014 Stormwater Permit Supp. Info at EPARFI01964 and 2010 NPDES Permit Renewal Supp. Info. at EPARFI01736; see also 2003 NPDES Permit Supp. Info. regarding general stormwater (EPARFI01571)	No. For Outfall SW002 see July 2014 Stormwater Permit Supp. Info at EPARFI01964; 2010 NPDES Permit Renewal Supp. Info. at EPARFI01736	See description of Outfall SW002 for drainage area 2. July 2014 Stormwater Permit Supp. Info at EPARFI01964; 2010 NPDES Permit Renewal Supp. Info. at EPARFI01736. See also Aug. 25, 2014 stormwater data submittal to NC DENR for SW002, Appendix C at EPARFI01990	Yes. This is stormwater outfall SW002. See July 2014 Stormwater Permit Supp. Info at EPARFI01964; 2010 NPDES Permit Renewal Supp. Info. at EPARFI01736, see also 2003 NPDES Permit Supp. Info. regarding general stormwater (EPARFI01571)	Pending for SW Outfall 002	Steve Hodges	For SW Outfall 002 see July 2014 Stormwater Permit Supp. Info at EPARFI01964; 2010 NPDES Permit Renewal Supp. Info. at EPARFI01736. See also Aug. 25, 2014 stormwater data submittal to NC DENR for SW002, Appendix C at EPARFI01990; see also 2003 NPDES Permit Supp. Info. regarding general stormwater (EPARFI01571)
211	Cliffside	NC0005088	CLFSW05	35.202301	-81.775844	Identified in July 14 Stormwater Permit App. Supp. Info. as Landfill Drainage Area (21" CMP) (EPARFI01971) and Site Plan (EPARFI01979)	No. See Landfill Drainage Area (21" CMP) (EPARFI01971)	See description of Landfill Drainage Area in 2014 NPDES Stormwater App. Supp. Info at EPARFI01971 and August 25, 2014 Stormwater data submittal for 21" CMP in Appendix C at EPARFI01990	Yes. See 2014 NPDES Stormwater App. Supp. Info. for Landfill Drainage Yard at EPARFI01971	pending	Steve Hodges	Landfill Drainage Area in 2014 NPDES Stormwater App. Supp. Info at EPARFI01971 and August 25, 2014 Stormwater data submittal for 21" CMP in Appendix C at EPARFI01990
212	Cliffside	NC0005088	CLFSW05	35.203408	-81.772698	Identified in July 14 Stormwater Permit App. Supp. Info. as Landfill Drainage Area (36" CMP) (EPARFI01971) and Site Plan (EPARFI01979)	No. See Landfill Drainage Area (36" CMP) (EPARFI01971)	See description of Landfill Drainage Area in 2014 NPDES Stormwater App. Supp. Info at EPARFI01971 and August 25, 2014 Stormwater data submittal for 36" CMP in Appendix C at EPARFI01991	Yes. See 2014 NPDES Stormwater App. Supp. Info. for Landfill Drainage Yard at EPARFI01971	pending	Steve Hodges	Landfill Drainage Area in 2014 NPDES Stormwater App. Supp. Info at EPARFI01971 and August 25, 2014 Stormwater data submittal for 36" CMP in Appendix C at EPARFI01991
213	Cliffside	NC0005088	CLFSW05	35.203286	-81.770937	Identified in July 14 Stormwater Permit App. Supp. Info. as Landfill Drainage Area (42" CMP) (EPARFI01971) and Site Plan (EPARFI01979)	No. See Landfill Drainage Area (42" CMP) (EPARFI01971)	See description of Landfill Drainage Area in 2014 NPDES Stormwater App. Supp. Info at EPARFI01971 and August 25, 2014 Stormwater data submittal for 42" CMP in Appendix C at EPARFI01991	Yes. See 2014 NPDES Stormwater App. Supp. Info. for Landfill Drainage Yard at EPARFI01971	pending	Steve Hodges	Landfill Drainage Area in 2014 NPDES Stormwater App. Supp. Info at EPARFI01971 and August 25, 2014 Stormwater data submittal for 42" CMP in Appendix C at EPARFI01991
214	Cliffside	NC0005088	CLFSW05	35.203275	-81.767306	Identified in July 14 Stormwater Permit App. Supp. Info. as Drainage Area 16 Outfall SW16 (54" CMP - 1 of 5 CMPs) (EPARFI01968) and Site Plan (EPARFI01979)	No. See July 14 Stormwater Permit App. Supp. Info. as Drainage Area 16 Outfall SW16 (54" CMP - 1 of 5 CMPs) (EPARFI01968)	See July 2014 NPDES Stormwater Supp. Info (EPARFI01968) and August 25, 2014 Stormwater Data Submittal, Appendix C for Drainage Area 16 54" CMP (EPARFI01990).	Yes. See July 14 Stormwater Permit App. Supp. Info. as Drainage Area 16 Outfall SW16 (54" CMP - 1 of 5 CMPs) (EPARFI01968)	pending for SW016	Steve Hodges	See July 2014 NPDES Stormwater Supp. Info (EPARFI01968) and August 25, 2014 Stormwater Data Submittal, Appendix C for Drainage Area 16 54" CMP (EPARFI01990).

Cliffside  
Response to 7/31/2014 RFI  
Question #4

(a) Facility	(b) Description	(c) Dates and Duration of Releases to Surface Water after January 1, 2009	(d) LATITUDE	(e) LONGITUDE	(f) Did release occur during non-storm events?	(g) Did Duke identify the constituents and source of release?	(h) Did Duke seek industrial and/or stormwater permit coverage under NPDES for release. If not, why not?	(i) If permit coverage was sought but was not issued by NCDENR, did NCDENR provide explanation as to why? What was Duke's response to not obtaining permit coverage?	(j) Persons Primarily Consulted	(k) Documents Primarily Relied Upon
Cliffside	Duke S-1 in July 2014 NPDES Permit Modification, Seep Report	S-1 is identified as a sample from a tributary to the Broad River in July 2014 NPDES Permit Modification, Seep Report for S-1 (EPARFIO1831-EPARFIO1847); continuous flow	35.216	-81.775	Yes. July 2014 NPDES Permit Modification for S-1 (EPARFIO1838)	Constituents, yes. See July 2014 NPDES Permit Modification, App. A S-1 (EPARFIO1842)	Yes. July, 2014 NPDES Permit Modification for S-1 (EPARFIO1831-EPARFIO1847)	Pending	Steve Hodges	July 2014 NPDES Permit Modification describing S-1 (EPARFIO1831-EPARFIO1847)
Cliffside	Duke S-7 in July 2014 NPDES Permit Modification, Seep Report	Identified in July 2014 NPDES Permit Modification, Seep Report for S-7 (EPARFIO1831-EPARFIO1847); continuous flow	35.218	-81.746	Yes. July 2014 NPDES Permit Modification (EPARFIO1838)	Constituents, yes. See July 2014 NPDES Permit Modification, Appendix A S-7 (EPARFIO1842)	Yes. July, 2014 NPDES Permit Modification for S-7 (EPARFIO1831-EPARFIO1847)	Pending	Steve Hodges	July 2014 NPDES Permit Modification describing S-7 (EPARFIO1831-EPARFIO1847)
Cliffside	Duke S-8 in July 2014 NPDES Permit Modification, Seep Report	S-8 is identified as a sample location in a well defined stream that is a tributary to Suck Creek in July 2014 NPDES Permit Modification (EPARFIO1831-EPARFIO1847); continuous flow	35.208	-81.756	Yes. July 2014 NPDES Permit Modification (EPARFIO1838)	Constituents, yes. See July 2014 NPDES Permit Modification, Appendix A S-8 (EPARFIO1842)	Yes. July 2014 NPDES Permit Modification for S-8 (EPARFIO1831-EPARFIO1847)	Pending	Steve Hodges	July 2014 NPDES Permit Modification describing S-8 (EPARFIO1831-EPARFIO1847)
Cliffside	Duke S-9 in July 2014 NPDES Permit Modification, Seep Report	Identified in July 2014 NPDES Permit Modification, Seep Report as S-9 (EPARFIO1831-EPARFIO1847); continuous flow	35.217	-81.754	Yes. July 2014 NPDES Permit Modification (EPARFIO1838)	Constituents, yes. See July 2014 NPDES Permit Modification, Appendix A S-9 (EPARFIO1842)	Yes. July 2014 NPDES Permit Modification for S-9 (EPARFIO1831-EPARFIO1847)	Pending	Steve Hodges	July 2014 NPDES Permit Modification describing S-9 (EPARFIO1831-EPARFIO1847)
Cliffside	Duke 18" CMP in Landfill Drainage Yard	Identified in July 2014 Stormwater Permit Form 2F Supp. Info. EPARFIO1971 and Site Plan (EPARFIO1979)	General coordinates for Landfill Drainage area that contains 4 CMPs are: 35.206078	-81.772847	No. See July 2014 Stormwater Permit Form 2F Supp. Info. EPARFIO1971	Not directly from the 18" CMP due to no flow but from the other 3 CMPs in the Landfill Drainage Area. See 9/18/14 Duke Responses to Additional Information Requests (EPARFIO1994-95) and Aug. 25, 2014 Stormwater data submittal to DENR, Appendix C (EPARFIO1990-91)	Yes. July 2014 NPDES Stormwater App. Supp. Info EPARFIO1971 describing Landfill Drainage Area	pending	Steve Hodges	July 2014 Stormwater Permit Form 2F Supp. Info. EPARFIO1971 and Site Plan (EPARFIO1979); See 9/18/14 Duke Responses to Additional Information Requests (EPARFIO1994-95) and Aug. 25, 2014 Stormwater data submittal to DENR, Appendix C (EPARFIO1990-91)
Cliffside	Duke 36" CMP in Drainage Area 16	Identified in July 2014 Stormwater Permit Form 2F Supp. Info. EPARFIO1968 and Site Plan EPARFIO1979	General coordinates for Drainage area 16 are: 35.204983	-81.761953	No. Drainage area 16 in July 2014 Stormwater Permit Form 2F Supp. Info. EPARFIO1968	Yes. Aug. 25, 2014 Stormwater data submittal to NCDENR for Drainage Area 16 36" CMP (EPARFIO1990)	Yes. Drainage area 16 in July 2014 Stormwater Permit Form 2F Supp. Info. EPARFIO1968	pending	Steve Hodges	Drainage area 16 in July 2014 Stormwater Permit Form 2F Supp. Info. EPARFIO1968 and Site Plan EPARFIO1979; Aug. 25, 2014 Stormwater data submittal to NCDENR for Drainage Area 16 36" CMP (EPARFIO1990)
Cliffside	Unit 6 switchyard area	Identified in July 2014 Stormwater Permit Form 2F Supp. Info. as unit 6 switchyard at EPARFIO1972 and Site Plan EPARFIO1979	35.227081	-81.746972	No. See July 2014 Stormwater Permit Form 2F Supp. Info. for unit 6 switchyard at EPARFIO1972	Constituents from two culverts in Aug. 25, 2014 stormwater data submittal, Appendix C for unit 6 switchyard culverts (EPARFIO1990)	Yes. See July 2014 Stormwater Permit Form 2F Supp. Info. for unit 6 switchyard at EPARFIO1972	Pending	Steve Hodges	July 2014 Stormwater Permit Form 2F Supp. Info. for unit 6 switchyard at EPARFIO1972 and Site Plan EPARFIO1979; Aug. 25, 2014 stormwater data submittal, Appendix C for unit 6 switchyard culverts (EPARFIO1990)

Cliffside  
Response to 7/31/2014 RFI  
Question #4

Facility	Description	(a) Dates and Duration of Releases to Surface Water after January 1, 2009	(b) LATITUDE	(c) LONGITUDE	(d) Did release occur during non-storm events?	(e) Did Duke identify the constituents and source of release?	(f) Did Duke seek industrial and/or stormwater permit coverage under NPDES for release, if not, why not?	(g) If permit coverage was sought but was not issued by NCDENR, did NCDENR provide explanation as to why? What was Duke's response to not obtaining permit coverage?	Persons Primarily Consulted	Documents Primarily Relied Upon
Cliffside	SW004 - 24" CMP that drains stormwater mostly from Units 1-4 switchyard.	Identified in July 2014 Stormwater Permit Form 2F Supp. Info at EPARF01964-65) and Site Plan (EPARF01979); 2010 NPDES Permit Renewal Form 2F Supp. Info (EPARF01737); 2003 NPDES Permit Supp. Info. regarding stormwater in general (EPARF01571)	35.221078	-81.75895	No. See July 2014 Stormwater Permit Form 2F Supp. Info at EPARF01964-65); 2010 NPDES Permit Renewal Form 2F Supp. Info (EPARF01737);	Constituents, Yes. Aug. 25, 2014 stormwater data submittal, Appendix C for SW004 (EPARF01990)	Yes. See July 2014 Stormwater Permit Form 2F Supp. Info at EPARF01964-65); 2010 NPDES Permit Renewal Form 2F Supp. Info (EPARF01737); 2003 NPDES Permit Supp. Info. regarding stormwater in general (EPARF01571)	pending	Steve Hodges	July 2014 Stormwater Permit Form 2F Supp. Info at EPARF01964-65); 2010 NPDES Permit Renewal Form 2F Supp. Info (EPARF01737); Aug. 25, 2014 stormwater data submittal, Appendix C for SW004 (EPARF01990); 2003 NPDES Permit Supp. Info. regarding stormwater in general (EPARF01571)
Cliffside	Drainage Area 15 - 10 8" HDPE pipes located along railroad tracks to drain stormwater to Suck Creek	Identified in July 2014 NPDES Stormwater App. Supp. Info. describing SW015 at EPARF01968 and Site Plan (EPARF01979)	35.214764	81.756525	No. See July 2014 NPDES Stormwater App. Supp. Info. describing SW015 at EPARF01968	Constituents, Yes. Aug. 25, 2014 stormwater data submittal, Appendix C for SW015 (EPARF01990); see also Aug. 25, 2014 Duke Response to Additional Information Request at EPARF01993-94 (representative sample for Drainage Area 15)	Yes. See July 2014 NPDES Stormwater App. Supp. Info. describing SW015 at EPARF01968	pending	Steve Hodges	July 2014 NPDES Stormwater App. Supp. Info. describing SW015 at EPARF01968; Aug. 25, 2014 stormwater data submittal, Appendix C for SW015 (EPARF01990); Aug. 25, 2014 Duke Response to Additional Information Request at EPARF01993-94
Cliffside	Outfall SW008	Outfall SW008 - former Jan. 2007 NPDES Permit NCGS20067 for sand mining discharge (see EPARF01659-62) now called Drainage Area 8 - 15" CMP. The sand mining operations ceased 2012 and DENR rescinded permit. Jan. 8, 2013 DENR email to Duke (EPARF01830). Duke sought coverage for Drainage area 8 in Jan. 2010 NPDES Permit App. Form 2F Supp. Info at EPARF01738-39 and in July 2014 NPDES Permit Modification (EPARF01970) but in 9/18/14 Duke Response to Additional Information Request, Duke requested SW008 be removed from permitting requirements as area is vegetated and not used for any operations. EPARF01994	36.283822	81.059819	No. See 2010 NPDES Permit App. Form 2F Supp. Info at EPARF01738-39; 2014 NPDES Permit Modification (EPARF01970)	No. See 9/18/2014 Duke Response to Additional Information Request at EPARF01994	Yes in 2010. See 2010 NPDES Permit App. Form 2F Supp. Info at EPARF01738-39; See 2014 NPDES Permit Modification (EPARF01970); Duke requested SW008 be removed from permitting requirements in 9/18/2014 Duke Response to Additional Information Request at EPARF01994	pending	Steve Hodges	2010 NPDES Permit App. Form 2F Supp. Info at EPARF01738-39; 2014 NPDES Permit Modification (EPARF01970); Duke requested SW008 be removed from permitting requirements in 9/18/2014 Duke Response to Additional Information Request at EPARF01994; Jan. 2007 NPDES Permit NCGS20067 for sand mining discharge (see EPARF01659-62); Jan. 8, 2013 NCDENR email to Duke (EPARF01830)
Cliffside	SW011 - Drainage Area 11. EPA identified the sediment basin from this area in EPA No. 184. SW011 is a 30" CMP that conveys overflow from sediment basin	Identified as SW011 in 2010 NPDES Permit Renewal Form 2F Supp Info EPARF01740 for SW011; July 2014 Stormwater Permit Form 2F Supp Info at EPARF01967	35.207775	-81.7573	No. See SW011 in 2010 NPDES Permit Renewal Form 2F Supp Info EPARF01740 for SW011; July 2014 Stormwater Permit Form 2F Supp Info at EPARF01967	Constituents, Yes. Aug. 25, 2014 Stormwater data submittal to NCDENR for SW011 (EPARF01991)	Yes. See SW011 in 2010 NPDES Permit Renewal Form 2F Supp Info EPARF01740 for SW011; July 2014 Stormwater Permit Form 2F Supp Info at EPARF01967	pending	Steve Hodges	See SW011 in 2010 NPDES Permit Renewal Form 2F Supp Info EPARF01740 for SW011; July 2014 Stormwater Permit Form 2F Supp Info at EPARF01967; Aug. 25, 2014 Stormwater data submittal to NCDENR for SW011 (EPARF01991)

Cliffside  
Response to 7/31/2014 RFI  
Question #4

Facility	Description	a. Dates and Duration of Releases to Surface Water after January 1, 2009	(b) LATITUDE	(b) LONGITUDE	(c) Did release occur during non-storm events	(d) Did Duke identify the constituents and source of release	(e) Did Duke seek industrial and/or stormwater permit coverage under NPDES for release. If not, why not?	(f) If permit coverage was sought but was not issued by NCDENR, did NCDENR provide explanation as to why? What was Duke's response to not obtaining permit coverage?	Persons Primarily Consulted	Documents Primarily Relied Upon
Cliffside	Former NPDES Permitted Outfall 001 - non-contact cooling water for now retired Units 1-4. Eliminated from permit in 2012.	Former NPDES Permitted Outfall 001 - non-contact cooling water for now retired Units 1-4. Eliminated from permit in 2012. 2/20/12 DENR Letter with Minor Permit Modification terminating NPDES Permitted Outfall 001 (EPARFIO1798-1829); 11/9/11 Duke letter to DENR notifying no more discharge from 001 (EPARFIO1795-97); 2010 NPDES Permit Renewal Form 2E and Supp. Info at EPARFIO1722-23 for 001; 2007 Permit (EPARFIO1663-1690)	35.220833	-81.758333	Yes until September 2011. See 11/9/11 Duke letter to DENR notifying no more discharge from 001 (EPARFIO1795-97)	Yes. 2010 NPDES Permit Renewal Form 2E and Supp. Info at EPARFIO1722-23 for 001	Yes. 2010 NPDES Permit Renewal Form 2E and Supp. Info EPARFIO1722-23 for 001 but sought permit modification in 2011 to eliminate outfall. 11/9/11 Duke letter to DENR (EPARFIO1795-97); 2/20/12 DENR minor permit modification eliminating 001 (EPARFIO1798-1829).	n/a	Steve Hodges	2/20/12 DENR Letter with Minor Permit Modification terminating NPDES Permitted Outfall 001 (EPARFIO1798-1829); 11/9/11 Duke letter to DENR notifying no more discharge from 001 (EPARFIO1795-97); 2010 NPDES Permit Renewal Form 2E and Supp. Info at EPARFIO1722-23 for 001; 2007 Permit (EPARFIO1663-1690)
Cliffside	Outfall SW005	Identified as Outfall SW005 in July 2014 Stormwater Permit Supp. Info. (EPARFIO1965 & EPARFIO1977); see also 2010 NPDES Permit Renewal Supp. Info. for Outfall SW005 (EPARFIO1738); 2003 NPDES Permit Supp. Info. regarding stormwater in general (EPARFIO1571)	35.220758	-81.758478	Yes. See Outfall SW005 in July 2014 Stormwater Permit Supp. Info. (EPARFIO1965 & EPARFIO1977); see also 2010 NPDES Permit Renewal Supp. Info. for Outfall SW005 (EPARFIO1738); 2003 NPDES Permit Supp. Info. regarding stormwater in general (EPARFIO1571)	Yes. See description of Outfall SW005 in July 2014 Stormwater Permit Supp. Info. (EPARFIO1965 & EPARFIO1977); see also 2010 NPDES Permit Renewal Supp. Info. for Outfall SW005 (EPARFIO1738); August 25, 2014 stormwater data at EPARFIO1990	Yes. See Outfall SW005 in July 2014 Stormwater Permit Supp. Info. (EPARFIO1965 & EPARFIO1977); see also 2010 NPDES Permit Renewal Supp. Info. for Outfall SW005 (EPARFIO1738); /see also 2003 NPDES Permit Supp. Info. regarding stormwater in general (EPARFIO1571)	pending	Steve Hodges	July 2014 Stormwater Permit Supp. Info. (EPARFIO1965 & EPARFIO1977); 2010 NPDES Permit Renewal Supp. Info. for Outfall SW005 (EPARFIO1738); August 25, 2014 stormwater data at EPARFIO1990
Cliffside	Laydown Area #2	Identified as "laydown Area #2" described in 2014 NPDES Stormwater App. Supp. Info. (EPARFIO1971) and Site Plan (EPARFIO1979). See also 2010 NPDES Permit Renewal Form 2F Supp Info. regarding Laydown #2 (EPARFIO1744)	35.210603	-81.772039	No. See "laydown Area #2" described in 2014 NPDES Stormwater App. Supp. Info. (EPARFIO1971) and Site Plan (EPARFIO1979). See also 2010 NPDES Permit Renewal Form 2F Supp Info. regarding Laydown #2 (EPARFIO1744)	See description of "laydown Area #2" described in 2014 NPDES Stormwater App. Supp. Info. (EPARFIO1971) and Site Plan (EPARFIO1979). See also 2010 NPDES Permit Renewal Form 2F Supp Info. regarding Laydown #2 (EPARFIO1744)	Yes. See description of "laydown Area #2" described in 2014 NPDES Stormwater App. Supp. Info. (EPARFIO1971) and Site Plan (EPARFIO1979). See also 2010 NPDES Permit Renewal Form 2F Supp Info. regarding Laydown #2 (EPARFIO1744)	Pending	Steve Hodges	Laydown Area #2 described in 2014 NPDES Stormwater App. Supp. Info. (EPARFIO1971) and Site Plan (EPARFIO1979). See also 2010 NPDES Permit Renewal Form 2F Supp Info. regarding Laydown #2 (EPARFIO1744)
Cliffside	Drainage Area 14	Identified as Drainage Area 14 in 2014 NPDES Stormwater App. Supp. Info at EPARFIO1970-71; 2010 NPDES Permit Renewal Form 2F Supp Info at EPARFIO1740-41	35.219769	81.758731	No. See Drainage Area 14 in 2014 NPDES Stormwater App. Supp. Info at EPARFIO1970-71; 2010 NPDES Permit Renewal Form 2F Supp Info at EPARFIO1740-41	See description of Drainage Area 14 in 2014 NPDES Stormwater App. Supp. Info at EPARFIO1970-71; 2010 NPDES Permit Renewal Form 2F Supp Info at EPARFIO1740-41	Yes. See Drainage Area 14 in 2014 NPDES Stormwater App. Supp. Info at EPARFIO1970-71; 2010 NPDES Permit Renewal Form 2F Supp Info at EPARFIO1740-41	pending	Steve Hodges	Drainage Area 14 in 2014 NPDES Stormwater App. Supp. Info at EPARFIO1970-71; 2010 NPDES Permit Renewal Form 2F Supp Info at EPARFIO1740-41



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Facility	Date and Duration of Release to Surface Water after January 1, 2002	LATITUDE	LONGITUDE	Did release occur during rain? If so, when?	Did Duke identify the contaminants and source of release?	Did Duke seek industrial and/or homeowner action covered under RCRA for release. If not, why not?	If RCRA coverage was sought but was not issued by NCEM, did NCEM provide explanation as to why? What was Duke's response to not obtaining RCRA coverage?	Person with knowledge?	Documents filed upon?
Cape Fear	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



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**Dan River**  
**Response to 7/31/2014 RFI**  
**Question #4**

Facility Dan River	(a) Dates and Duration of Releases to Surface Water after January 1, 2009	(b) LATITUDE	(b) LONGITUDE	(c) Did release occur during non-storm events	(d) Did Duke identify the constituents and source of release	(e) Did Duke seek industrial and/or stormwater permit coverage under NPDES for release. If not, why not?	(f) If permit coverage was sought but was not issued by NCDENR, did NCDENR provide explanation as to why? What	Persons Primarily Consulted	Documents Primarily Relied Upon
HPSW line	4/4/10			Yes	Yes. 261,800 gallons of service water	N/A	N/A	Garwood	EPARFI03540-41
Oil Spill	5/9/11			Yes	Yes. Four ounces of oil.	N/A	N/A	Garwood	EPARFI03538
Ash Basin	2/2/14			Yes		N/A	N/A	Garwood	
Dredge Line Rupture	2/19/14			Yes		N/A	N/A	Garwood	EPARFI03539
SW003	During rain events			No	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information [EPARFI03513-03537])	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information, EPARFI03523 to EPARFI03524)	Permit application is still pending with DENR	Newcomb	7/29/14 NPDES Permit Application, Form 2F [EPARFI03513-03537])
SW004	During rain events			No	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information [EPARFI03513-03537])	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information, EPARFI03524)	Permit application is still pending with DENR	Newcomb	7/29/14 NPDES Permit Application, Form 2F [EPARFI03513-03537])
SW006	During rain events			No	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information [EPARFI03513-03537])	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information, EPARFI03525)	Permit application is still pending with DENR	Newcomb	7/29/14 NPDES Permit Application, Form 2F [EPARFI03513-03537])
SW007	During rain events			No	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information [EPARFI03513-03537])	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information, EPARFI03525)	Permit application is still pending with DENR	Newcomb	7/29/14 NPDES Permit Application, Form 2F [EPARFI03513-03537])
SW008	During rain events			No	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information [EPARFI03513-03537])	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information, EPARFI03525 to EPARFI03526)	Permit application is still pending with DENR	Newcomb	7/29/14 NPDES Permit Application, Form 2F [EPARFI03513-03537])
Former SW007	Continuous. Grouted in February 2014	36.48830457000	-79.71415266000	Yes	Yes (10/30/06 NPDES Permit Application, Form 2F, Supplemental Information [EPARFI02194-02257])	Yes (10/30/06 NPDES Permit Application, Form 2F, Supplemental Information, EPARFI02249 to EPARFI02250)	DENR has never issued a separate stormwater permit for the Dan River Steam Station.	Newcomb	10/30/06 NPDES Permit Application, Form 2F [EPARFI02194-02257]
Former SW008	Continuous. Grouted in February 2014	36.48976653000	-79.71323945000	Yes	Yes (10/30/06 NPDES Permit Application, Form 2F, Supplemental Information [EPARFI02194-02257])	Yes (10/30/06 NPDES Permit Application, Form 2F, Supplemental Information, EPARFI02250)	DENR has never issued a separate stormwater permit for the Dan River Steam Station.	Newcomb	10/30/06 NPDES Permit Application, Form 2F [EPARFI02194-02257]
Former NPDES 006	Process water discharges until it was abandoned with the retirement of the coal-fired units	36.48675016000	-79.72142880000	Yes	Yes (10/30/06 NPDES Permit Application, Form 2C and Supplemental Information [EPARFI02194-02257]; 10/26/11 NPDES Permit Application, Form 2C and Supplemental Information [EPARFI02258-02304])	Yes (10/30/06 NPDES Permit Application, Form 2C and Supplemental Information, EPARFI02241; 10/26/11 NPDES Permit Application, Form 2C and Supplemental Information, EPARFI02296)	N/A	Newcomb	10/30/06 NPDES Permit Application, Form 2C [EPARFI02194-02257] 10/26/11 NPDES Permit Application, Form 2C [EPARFI02258-02304]
S-1	Continuous	36.493	-79.711	Yes	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information [EPARFI03513-03537])	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information [EPARFI03513-03537])	Permit application is still pending with DENR	Newcomb	7/29/14 NPDES Permit Application, Form 2F [EPARFI03513-03537])

Dan River  
Response to 7/31/2014 RFI  
Question #4

Facility Dan River	(a) Dates and Duration of Releases to Surface Water after January 1, 2009	(b) LATITUDE	(b) LONGITUDE	(c) Did release occur during non-storm events	(d) Did Duke identify the constituents and source of release	(e) Did Duke seek industrial and/or stormwater permit coverage under NPDES for release. If not, why not?	(f) If permit coverage was sought but was not issued by NCDENR, did NCDENR provide explanation as to why? What	Persons Primarily Consulted	Documents Primarily Relied Upon
S-2	Continuous	36.493	-79.711	Yes	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information [EPARFIO3513-03537])	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information [EPARFIO3513-03537], Seep Monitoring Plan [EPARFIO2308- 02318])	Permit application is still pending with DENR	Newcomb	7/29/14 NPDES Permit Application, Form 2F [EPARFIO3513-03537])
S-3	Continuous	36.493	-79.711	Yes	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information [EPARFIO3513-03537])	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information [EPARFIO3513-03537], Seep Monitoring Plan [EPARFIO2308- 02318])	Permit application is still pending with DENR	Newcomb	7/29/14 NPDES Permit Application, Form 2F [EPARFIO3513-03537])
S-4	Continuous	36.486	-79.719	Yes	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information [EPARFIO3513-03537])	Yes (7/29/14 NPDES Permit Application, Form 2F, Supplemental Information [EPARFIO3513-03537], Seep Monitoring Plan [EPARFIO2308- 02318])	Permit application is still pending with DENR	Newcomb	7/29/14 NPDES Permit Application, Form 2F [EPARFIO3513-03537])





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Section  
Response 7/31/2014 RSI  
Question 14

Facility	Date and Duration of Release is surface water after January 1, 2009	LATITUDE	LONGITUDE	On release occur during near- term event	Did DOE identify the contamination and monitor it?	Did DOE get industry and/or government advice on how to monitor it? Why not?	If source company was issued letter and issued by AECOM, did industry provide information as to why? And was source information to not comply (source corrected)	Prevents with knowledge	Documented Release Upon
Section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Riverbend  
Response to 7/31/2014 RFI  
Question #4

Facility	Dates and Duration of Releases to Surface Water after January 1, 2009	LATITUDE	LONGITUDE	Did release occur during non-storm events	Did Duke identify the constituents and source of release	Did Duke seek industrial and/or stormwater permit coverage under NPDES for release. If not, why not?	If permit coverage was sought but was not issued by NCDEM, did NCDEM provide explanation as to why? What was Duke's response to not obtaining permit coverage?	Persons with Knowledge	Documents Relied Upon
Riverbend	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan)	35.365	-80.966	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan, Table 1) (EPARFIO2810-2811)	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan, Appx A) (EPARFIO2813-2814)	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan) (EPARFIO2807-2818)	Duke's most recent permit application is still pending	See Documents	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan) (EPARFIO2772-3036)
Riverbend	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan)	35.369	-80.965	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan, Table 1) (EPARFIO2810-2811)	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan, Appx A) (EPARFIO2813-2814)	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan) (EPARFIO2807-2818)	Duke's most recent permit application is still pending	See Documents	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan) (EPARFIO2772-3036)
Riverbend	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan)	35.367	-80.957	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan, Table 1) (EPARFIO2810-2811)	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan, Appx A) (EPARFIO2813-2814)	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan) (EPARFIO2807-2818)	Duke's most recent permit application is still pending	See Documents	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan) (EPARFIO2772-3036)
Riverbend	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan)	33.365	-80.956	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan, Table 1) (EPARFIO2810-2811)	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan, Appx A) (EPARFIO2813-2814)	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan) (EPARFIO2807-2818)	Duke's most recent permit application is still pending	See Documents	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan) (EPARFIO2772-3036)
Riverbend	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan)	35.367	-80.958	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan, Table 1) (EPARFIO2810-2811)	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan, Appx A) (EPARFIO2813-2814)	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan) (EPARFIO2807-2818)	Duke's most recent permit application is still pending	See Documents	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan) (EPARFIO2772-3036)
Riverbend	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan)	35.371	-80.963	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan, Table 1) (EPARFIO2810-2811)	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan, Appx A) (EPARFIO2813-2814)	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan) (EPARFIO2807-2818)	Duke's most recent permit application is still pending	See Documents	Yes (5/15/14 NPDES Permit Application, April 24, 2014 Seep Monitoring Plan) (EPARFIO2772-3036)